Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

United States
Department of
Agriculture

Cooperative
State Research
Service

November 1984

Inventory of Agricultural Research FY 1983

INVENTORY OF AGRICULTURAL RESEARCH

FISCAL YEAR 1983

Fiscal Year 1983 covers the period from October 1, 1982, through September 30, 1983.

This report was compiled from data supplied to the Current Research Information System, Cooperative State Research Service, by U.S. Department of Agriculture Research Agencies, State Agricultural Experiment Stations, Forestry Schools and Other Institutions.

Issued by

COOPERATIVE STATE RESEARCH SERVICE
SCIENCE AND EDUCATION
U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C.

November 1984

This volume replaces Volumes I, II and III
(See Introduction for explanation)

TABLE OF CONTENTS

Introduction viii

Table Descriptions
  Table II x
  Table III xi
  Table IV xii
  Table V xv

CRIS Input Forms xvi

Classification Codes and Descriptors
  Commodity or Resource xviii
  Research Problem Area xx
  Research Program Group/Research Program xxiv

CONTENTS (continued)

	Pages
TABLES II-B and II-D	
Summary for Commodity or Resource and Research Problem Areas	
National Total, USDA, SAES, Other	
National Total, USDA, SAES, Other Institutions	1-3
National Total SAES and USDA	4-6
National Total USDA Research Agencies	7-9
Agricultural Cooperative Service (ACS)	10
Agricultural Research Service (ARS)	11-12
Cooperative State Research Service (CSRS)	13-14
Competitive Research Grants Office (CRGO)	15
Economic Research Service (ERS)	16-17
Forest Service (FS)	18
National Total SAES, Other	
National Total SAES, Other Cooperating Institutions	19-21
National Total State Agricultural Experiment Stations (SAES)	22-24
Station Totals SAES (Table II-B only)	
Alabama, Alaska, American Samoa	25
Arizona, Arkansas	26
California	27
Colorado, Connecticut (New Haven)	28
Connecticut (Storrs), Delaware, District of Columbia	29
Florida	30
Georgia, Guam	31
Hawaii, Idaho	32
Illinois	33
Indiana	34
Iowa	35
Kansas, Kentucky	36
Louisiana, Maine	37
Maryland, Massachusetts	38
Michigan	39
Minnesota	40
Mississippi	41
Missouri	42
Montana, Nebraska	43

CONTENTS (continued)

	Pages
Nevada, New Hampshire	44
New Jersey, New Mexico	45
New York (Geneva), New York (Ithaca)	46
North Carolina	47
North Dakota	48
Ohio, Oklahoma	49
Oregon, Pennsylvania	50
Puerto Rico, Rhode Island	51
South Carolina, South Dakota	52
Tennessee	53
Texas, Utah	54
Vermont, Virgin Islands	55
Virginia, Washington	56
West Virginia, Wisconsin	57
Wyoming	58
Forestry Schools - Total	59-60
Forestry Schools (Table II-B only)	
Ann Arbor, Arcata, Burlington, Carbondale	61
Clemson, Corvallis, Flagstaff, Houghton	62
Missoula, Moscow, Nacogdoches, Ruston	63
Seattle, Syracuse	64
National Totals 1890/Tuskegee Institutions	65-66
1890/Tuskegee Institutions (Table II-B only)	
Greensboro, Normal, Tuskegee	67
Lorman, Pine Bluff, Dover, Tallahassee	68
Fort Valley, Frankfort, Langston	69
Jefferson, Princess Ann, Prairie View	70
Orangeburg, Baton Rouge, Nashville, Petersburg	71
National Totals Schools of Veterinary Medicine	72
Schools of Veterinary Medicine (Table II-B only)	
Alabama, California, Colorado, Florida	73
Georgia, Idaho, Iowa, Kansas	74
Massachusetts, New York, Ohio, Oregon	75
Pennsylvania, Tennessee, Texas, Washington	76
National Total Other Non-Federal Institutions	77
TABLES III-B AND III-D	
Data on Funds by Method of Expenditure and Source for Fiscal Year for Commodity or Resource and Research Problem Areas for USDA Research Agencies	
National Total USDA Research Agencies	78-80
Agricultural Cooperative Service (ACS)	81
Agricultural Research Service (ARS)	82-83

CONTENTS (continued)

	Pages
Cooperative State Research Service (CSRS)	84-85
Competitive Research Grants Office (CRGO)	86
Economic Research Service (ERS)	87-88
Forest Service (FS)	89
TABLE III-E	
Summary Data by Method of Expenditure and Source for Fiscal Year for USDA Agencies	
National Total USDA Research Agencies	90
TABLES IV-B and IV-D	
Data on Funds by Source for Fiscal Year for Commodity or Resource and Research Problem Areas for State Agricultural Experiment Stations, Forestry Schools and Other Cooperating Institutions	
National Total SAES, and Other Institutions	91-93
Regional Total SAES, and Other Institutions	
Region 1 (Northeast)	94-96
Region 2 (Southern)	97-99
Region 3 (North Central)	100-102
Region 4 (Western)	103-105
National Total State Agricultural Experiment Stations (SAES)	106-108
National Total Forestry Schools	109-110
National Total 1890/Tuskegee Institutions	111-112
National Total Schools of Veterinary Medicine	113
National Total Other Non-Federal Institutions	114
TABLE IV-E	
Summary Data by Source for Fiscal Year for State Agricultural Experiment Stations and Other Cooperating Institutions	
Regional Total SAES and Other Cooperating Institutions	
Region 1 (Northeast)	115
Region 2 (Southern)	116
Region 3 (North Central)	117
Region 4 (Western)	118

TABLES V-B AND V-C
Scientist Years by Research Program Group and Research Program

	Pages	
	RPG	RP
National Summaries	119	143-144
Regional Summaries		
Foreign	120	145
Region 1 - Northeast	120	146-147
Region 2 - Southern	120	148-149
Region 3 - North Central	121	150-151
Region 4 - Western	121	152-153
Country/State Summaries by Region		
Foreign		
Canada	122	154
El Salvador	122	154
France	122	154
Japan	122	154
Kenya	122	154
Netherlands	123	155
Thailand	123	155
Region 1 - Northeast		
Connecticut	124	156
Delaware	124	157
District of Columbia	124	158
Maine	125	159
Maryland	125	160-161
Massachusetts	125	162-163
New Hampshire	126	164
New Jersey	126	165-166
New York	126	167-168
Pennsylvania	127	169-170
Rhode Island	127	171
Vermont	127	172
West Virginia	128	173

CONTENTS (continued)

	Pages RPG	RP
Region 2 - Southern		
Alabma	129	174-175
Arkansas	129	176-177
Florida	129	178-179
Georgia	130	180-181
Kentucky	130	182-183
Louisiana	130	184-185
Mississippi	131	186-187
North Carolina	131	188-189
Oklahoma	131	190-191
Puerto Rico	132	192
South Carolina	132	193-194
Tennessee	132	195-196
Texas	133	197-198
Virgin Islands	133	199
Virginia	133	200-201
Region 3 - North Central		
Illinois	134	202-203
Indiana	134	204-205
Iowa	134	206-207
Kansas	135	208-209
Michigan	135	210-211
Minnesota	135	212-213
Missouri	136	214-215
Nebraska	136	216-217
North Dakota	136	218
Ohio	137	219-220
South Dakota	137	221-222
Wisconsin	137	223-224
Region 4 - Western		
Alaska	138	225
Arizona	138	226-227
California	138	228-229
Colorado	139	230-231
Guam	139	232
Hawaii	139	233-234
Idaho	140	235-236
Montana	140	237-238
Nevada	140	239-240
New Mexico	141	241-242
Oregon	141	243-244
Utah	141	245-246
Washington	142	247-248
Wyoming	142	249

INTRODUCTION

The Inventory of Agricultural Research is a collection of statistical tables compiled annually since 1966, on research conducted by the United States Department of Agriculture (USDA), State Agricultural Experiment Stations (SAES), Forestry Schools, Colleges of 1890 and Tuskegee Institute, Colleges of Veterinary Medicine, and Other Institutions. The tables were designed to assist persons who carry out the "joint research program planning, evaluation, and coordination" recommended in the long-range study, A National Program of Research for Agriculture, published in October 1966. Input data is provided to the Current Research Information System (CRIS) by USDA Research Agencies on Forms AD-416, AD-417, and AD-418, and by State Agricultural Experiment Stations and Other Institutions on Forms AD-416, AD-417, and AD-419. (See Table of Contents)

From 1968 through 1981, the Inventory was published in three volume sets. Publication of Volume I was discontinued in 1982. Volumes II and III were combined into a single volume in 1983. This volume includes Tables II, III, IV and V, described in greater detail below.

Tables in the II series show scientist years and funds for USDA agencies and SAES et al. Tables in the III series show funding data for USDA research by source of funds. Tables in the IV series show funding data for SAES et al. by source of funds.

The II-B, III-B, and IV-B Tables show a breakdown of the data by the commodity classification used in the long-range study. The II-D, III-D, and IV-D Tables show data for each of the 98 Research Problem Areas (RPA) used in the long-range study. The III-E and IV-E Tables provide summaries of funds and scientist years by agency or station/institution.

Table V shows scientist years by Research Program Group (RPG) and Research Program (RP). RP's and RPG's are made up of unique combinations determined by type of research (agricultural or forestry), activity, commodity, and Research Problem Area (RPA) classification.

All funds appearing in the Inventory are gross figures. This means that funds not allocated to specific research projects, but considered to be an integral part of the cost of doing research, are prorated to the appropriate research projects. The nature and amount of funds not allocated to projects vary among the stations and USDA agencies. It usually includes administration, supervision, and personnel and financial services. It may include publications and statistical services, rent, operation of research farms, and other expenditures that relate to several or all projects. Prior to Fiscal Year 1972, Tables III and IV reflected net funds.

Starting with Fiscal Year 1982, all inventory tables include data from cooperating Schools of Veterinary Medicine.

Research Work Unit/Project Classification - Listings of the appropriate classification categories are included in each of the volumes. More complete descriptions of classification can be found in the "Manual of Classification of Agricultural and Forestry Research," Revision IV, Feb. 1982, available from the Current Research Information System, Cooperative State Research Service, U.S. Department of Agriculture.

Classification on individual Research Work Unit/Projects is provided on Form AD-417. Many inputs used only one line. For example, a project carried out by an entomologist on control of cotton insects would be coded:

> "Activity" - 4500 (Insect control), "Commodity" - 2100 (Cotton), "Field of Science" - 0412 (Entomology), "Research Problem Area" - 207 (Insect pests of field crops) - 100%

Some inputs (projects) could not be classified on a single classification "line." For example, a project carried out by a geneticist on breeding corn for disease resistance and improved yield would use two classification lines. If, in the judgment of the person preparing the input form, three-fourths of the emphasis were on disease resistance and one-fourth on yield, the lines would be:

> "Activity" - 4600 (Disease control), "Commodity" - 1400 (Corn), "Field of Science - 0512 (Genetics), "Research Problem Area" - 208 (Control of disease of field crops) - 75%
>
> "Activity" - 5000 (Biol. efficiency), "Commodity" - 1400 (Corn), "Field of Science" - 0512 (Genetics), "Research Problem Area" - 307 (Improvement of biological efficiency of field crops) - 25%

In the Research Problem Area tabulations, 75% of the scientist years and of the funds reported for this project would be aggregated with other projects in the Problem Area, "Control of diseases of field crops," and 25% would be aggregated with other projects in the Research Problem Area, "Improvement of biological efficiency of field crops." In the Commodity tabulations, 100% of this project would be in "corn."

TABLE II

Table II summarizes data on the research programs of the United States Department of Agriculture (USDA) research agencies, the State Agricultural Experiment Stations (SAES), Forestry Schools, Colleges of 1890 and Tuskegee Institute, Colleges of Veterinary Medicine and Other Institutions.

Column 1 includes abbreviations for the Commodity and Research Problem Area (RPA) Classifications. See the Manual of Classification of Agricultural and Forestry Research, Revision IV, February 1982, for a more detailed description of the Commodity and RPA classification.

"NO OF PROJ," column 2 gives the number of projects in a particular classification category. Projects with more than one line of classification may be tabulated in more than one category.

"SCIENTIST YEARS," column 3 includes for SAES et al. all research workers with a rank of Assistant Professor or above. It excludes graduate assistants and research administrators. For staff members engaged in research and teaching (or other non-research activities), only the full-time equivalent of the portion of time devoted to research is included. A count of the different individuals engaged in the program would be greater than the scientist-years reported. For USDA agencies, scientist-years include research workers whose rating is GS-11 or above. It does not include those with GS-7 or GS-9 ratings or those engaged in research administration. Scientists who start work after October of the Fiscal Year, or whose employment is terminated before September 30, are reported for only that portion of the year which represents actual employment.

"REG FED APPR (CSRS ADMSTRD)," column 4 means Regular Federal Appropriations (including those administered by the Cooperative State Research Service). For USDA research agencies, including Competitive Research Grants and CSRS Special Grants, the amounts reported are the sums of the amounts in Fields 101, 104, 105, 106 and 107 of Form AD-418, plus the amount in Field 19 of Form AD-416 for grants and contracts in the year of obligation. The second portion of this heading, "CSRS ADMSTRD," applies only to federal funds made available by CSRS to SAES et al. For these institutions, the amounts reported are the sums of the amounts in Fields 201, 202, 203 and 205 of Form AD-419.

"TOTAL FUNDS," column 5 includes for USDA all funds under "REG FED APPR," plus "Other Federal Research Funds" as reported on Form AD-418 (excepting AID funds and PL-480 funds), plus "Non-Federal Research Funds" as reported on Form AD-418. For SAES et al. "TOTAL FUNDS" includes "REG FED APPR," plus "Other Federal Research Funds" (excepting AID funds) as reported on Form AD-419, plus "Non-Federal Research Funds" as reported on Form AD-419.

"USDA CON/GR/CA WITH SAES," columns 6 and 7 refer to contracts, grants, and cooperative agreements under which the USDA uses federally appropriated funds to SAES et al. for the performance of specific research tasks. They include Competitive Research Grants and CSRS "Special Grants" but not grants from other CSRS administered funds. Scientist-years and fund data reported in these columns are also included in columns 3 and 5. SAES et al. report expenditures of these funds in Fields 204 and 219 of Form AD-419. Scientist-years supported by these funds are not reported separately for SAES et al. in column 6 but are included in column 3. USDA agencies treat each contract, grant, or cooperative agreement with an SAES as a separate work unit or project. The amounts included in column 7 by USDA are reported in Field 19 of Form AD-416. This field shows the expected scientist-years to be "purchases," usually over a multi-year period, with the funds reported as obligated.

In the tables for National Total USDA, SAES and Other Institutions, all data have been adjusted to eliminate double counting of the scientists and funds involved in USDA contracts, grants, and cooperative agreements with the SAES et al. This is done for scientist years by adding USDA amounts in column 3 to the corresponding amounts for SAES et al. and subtracting the USDA amounts in column 6. This is done for funds by adding USDA amounts in column 5 to the corresponding amounts for SAES et al. and subtracting the USDA amounts in column 7.

TABLE III

Table III summarizes data on the research programs of the USDA research agencies.

Columns 1 and 2 are the same as those columns in Table II.

STAFF - IH SUPPORT YEARS

Column 3, "SYS" is the number of federally employed (in-house) support scientist years (Field 141 of Form AD-418 and Field 95 of Form AD-416 in the case of contracts, grants, and cooperative agreements with SAES).

Column 4, "OTHER" is a summation of the federally employed (in-house) staff support for research in years of effort for Professional, Technical and Other (Fields 142, 143 and 144 of Form AD-418).

FUNDS - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

Columns 5-15 involve rounding each datum to the nearest $1,000, and because of this the items in a column may not add exactly to the total shown. Please note that funds shown are gross obligations.

Column 7, "REG IN HOUSE" includes regular appropriations used for in-house research (Field 101 of Form AD-418).

Column 8, "C G CA SAES" includes funds obligated during the year from regular appropriations in contracts, grants, and cooperative agreements with State Agricultural Experiment Stations (Field 19 of Form AD-416).

Column 9, "OTHER CN GT" includes funds obligated during the year from regular appropriations in contracts and grants with research organizations other than those included in Column 8 (Field 19 of Form AD-416).

Columns 10 and 11, "SP FD 015" and "SP FD 010" include obligations for subprofessional help on research programs based on two special funds available to the Agricultural Research Service. (See Fields 104 and 105 of Form AD-418)

Column 12, "FOREST SERV" includes funds received by the Forest Service under provisions of the Whitten Act (Field 106 of Form AD-418).

Column 13, "OTHER USDA," includes any other USDA funds appropriated for research which are not identified with Fields 101 to 106, inclusive, of Form AD-418 (reported in Field 107 of Form AD-418).

Column 14, "TOTAL USDA APPR" is a total of the amounts reported in Columns 7, 8, 9, 10, 11, 12 and 13.

Column 15, "OTHER FED FUND" includes all funds from federal sources other than USDA research appropriations, excepting funds transferred from the Agency for International Development (AID funds) and PL-480 funds (Fields 310-316, inclusive, and Field 318 of Form AD-418.

Column 16, "NON-FED FUND" includes all funds made available to the Department for research by non-federal agencies (Field 133 of Form AD-418).

Column 17, "TOTAL" is a summation of all funds reported in Columns 14, 15 and 16.

TABLE IV

Table IV summarizes data on the research programs of the State Agricultural Experiment Stations (SAES), Forestry Schools, Colleges of 1890 and Tuskegee Institute, Colleges of Veterinary Medicine and Other Institutions.

Included in the summaries for the Northeast Region are the research programs of all SAES et al. in: Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and West Virginia.

Included in the summaries for the Southern Region are the research programs of all SAES et al. in: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, Puerto Rico, South Carolina, Tennessee, Texas, Virginia, and the Virgin Islands.

Included in the summaries for the North Central Region are the research programs of all SAES et al. in: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

Included in the summaries for the Western Region are the research programs of all SAES et al. in: Alaska, Arizona, California, Colorado, Guam, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming, American Samoa and Micronesia.

Columns 1 and 2 are the same as those columns in Table II.

Staff - Support Years, Column 3, "SYS" is the number of scientist years (Field 241 of Form AD-419).

Column 4, "OTHER" is the summation of the non-federally employed staff support for research in years of effort for three categories of support personnel, i.e. Professional, Technical and Other (Fields 242, 243 and 244 of Form AD-419).

Columns 5-7, inclusive, "FUNDS IN THOUSANDS OF DOLLARS" involve rounding each datum to nearest $1,000, and because of this items in a column may not add exactly to the total shown.

Column 5, "HATH/RRF" includes obligations of formula funds, including regional research funds, received by SAES from federal appropriations authorized under provisions of the Hatch Act (Field 201 + Field 202 of Form AD-419).

Column 6, "MCIN STEN" includes obligations of funds received by SAES and Forestry Schools under provisions of the McIntire-Stennis Act (Field 203 of Form AD-419).

Column 7, "SP GT" includes obligations of funds received by SAES and Other Institutions from the federal appropriations made to CSRS for Special Grants (Field 204 of Form AD-419).

Column 8, "COMP GT" includes expenditures of funds received by SAES and Other Institutions from the Competitive Research Grants Program (Field 204 of Form AD-419).

Column 9, "EVNS ALLN" includes obligations of formula funds received by the Colleges of 1890 and Tuskegee Institute from federal appropriations authorized under PL 95-113, Section 1445 (Field 204 of Form AD-419).

Column 10, "ANML HLTH" - Animal Health and Disease Record includes obligations of formula funds received by Colleges of Veterinary Medicine and SAES from federal appropriations authorized under PL 95-113, Section 1433 (Field 205 of Form AD-419).

Column 11, "OTH CSRS" includes obligations of funds received by SAES and Other Institutions from any sources administered by CSRS other than those specifically mentioned in Columns 5-10 (Field 205 of Form AD-419).

Column 12, "TOT CSRS" includes obligations of funds received by SAES et al. from federal appropriations made to CSRS. It is a total of the amounts reported in Columns 5, 6, 7, 8, 9, 10 and 11.

Column 13, "USDA CGCA" includes obligations of funds received by SAES et al. from contracts, grants and cooperative agreements with the research performing agencies of the USDA.

Column 14, "OTH FED" includes obligations of funds received by SAES et al. from contracts, grants and cooperative agreements with federal agencies other than the USDA (Field 332 minus Fields 219 and 308 of Form AD-419).

Column 15, "STATE APPRO" includes obligations of funds received by SAES et al. from State appropriations (Field 220 of Form AD-419).

Column 16, "PROD SALES" includes obligations of funds received by SAES et al. from sale of products (Field 221 of Form AD-419).

Column 17, "INDTRY" includes obligations of funds received by SAES et al. from industry (Field 222 of Form AD-419).

Column 18, "OTHER" includes obligations of funds received by SAES et al. from any other non-federal sources (Field 223 of Form AD-419).

Column 19, "TOTAL" includes all obligations of SAES et al. in support of research projects. It is a total of columns 12, 13, 14, 15, 16, 17 and 18.

TABLE V

Table V summarizes data on the research programs of the USDA research agencies, the State Agricultural Experiment Stations (SAES), Forestry Schools, Colleges of 1890 and Tuskegee Institute, Colleges of Veterinary Medicine and Other Institutions. Table V-B shows scientist years by Research Program. Table V-C shows scientist years by Research Program Group.

The material is organized into manageable units and sub-units based on type of research (agricultural or forestry), Activity, Commodity and Research Problem Area (RPA) classification. The various Activity X Commodity X RPA combinations for the two types of research aggregate to 63 Research Programs (RPs) which, in turn, aggregate to eight (8) Research Program Groups (RPGs). One additional RP/RPG has been established for unclassified projects. Duplication has been eliminated by designating each unique Type X Activity X Commodity X RPA combination as having a primary impact on only one of the 63 RPs. For example, a research project conducted by the Agricultural Research Service concerning watershed protection, Activity 4820 "Protection against Flood" Commodity 0300 "Watersheds and River Basins" and RPA 107 "Watershed Protection and Management" is reported as having a primary impact on RP 1.02 "Water and Watersheds." A research project conducted by the Forest Service concerning watershed protection Activity 4820 "Protection against Flood" Commodity 0300 "Watersheds and River Basins" and RPA 107 "Watershed Protection and Management" is reported as having primary impact on RP 2.04 "Forest Watersheds, Soils, and Pollution."

The Research Program key shows the Type X Activity X Commodity X RPA combinations that aggregate to each RP. Forestry Research (type) includes all research conducted by Forest Service, Forestry Schools funded by McIntire-Stennis or designated Forestry by the Cooperative State Research Service. All other research is considered agricultural research. Columns 3 and 4 (agricultural) and 3 and 5 (forestry) show the combinations which have primary impact on each research program.

Effective with Fiscal Year 1980 data, a number of changes were made to the Research Program Group (RPG) and Research Program (RP) structures described in this publication. Added visability for the Food and Human Nutrition Research area was achieved by removing it from former RPG 5.00 - People, Communities and Institutions establishing a new RPG 8.00 - Food Science and Human Nutrition. The title for RPG 5.00 was amended to "People, Communities and Institutions - including Rural Development" and two new RP's were added. Commodity oriented research, formerly classified under RPG-7.00 General Research or Technology, was moved to the appropriate major category (RPG) by adding a number of new RPs to RPG 1.00 - Natural Resources, RPG 2.00 - Forestry, RPG 3.00 - Crops, and RPG 4.00 - Animals. Additionally, former RP 7.01 was split into two RPs. Please see the RPG/RP table for the specific changes.

Scientist years (SYS) are listed by performing organization with the following exception: (1) SYS funded by USDA contracts, grants and cooperative agreements with organizations other than SAES are listed by funding organization.

U.S. DEPARTMENT OF AGRICULTURE

RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH RESUME

U.S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATIONS AND OTHER INSTITUTIONS

DATE *(Day, Month, Year)* | AMENDMENT ☐

1. ACCESSION NO. | AGENCY IDENTIFICATION NO. 2. 3. 4. | 5. WORK UNIT/PROJECT NO. | 6. STATUS: New A ☐ Extended B ☐ Revised C ☐ Terminated E ☐ Pending F ☐

7. TITLE

8. PERFORMING ORGANIZATION

CITY | STATE/COUNTRY | ZIP CODE | CONG. DISTRICT

13. RESPONSIBLE ORGANIZATION

CITY | 14. STATE | ZIP CODE

12. INVESTIGATOR NAME(S) *(Last name & initials)*

1 _____ 4 _____

2 _____ 5 _____

3 _____ 6 _____

15. RESPONSIBLE INDIVIDUAL *(Last name & initials)*

16. RESEARCH LOCATION ON CAMPUS? A ☐ Yes B ☐ No

PROJECT TYPE

17-1. FOR USDA USE: A ☐ Contract B ☐ Grant C ☐ Coop. Agmt. D ☐ In-house

17-2. FOR USDA USE: Contr./Gr./Agmt. with SAES A ☐ Other B ☐

18-1. FOR STATE USE: 1890/T ☐ SP GR G ☐ RD V R ☐ CRGO C ☐ Alcohol Ind I ☐ Hatch H ☐ M-S M ☐ State S ☐ Animal Health A ☐

CONTRACTS, GRANTS AND COOPERATIVE AGREEMENTS

18-4. CONTR./GR./AGMT./NO.

19-1. FACE AMOUNT

18-5. FOR STATE USE: AR A ☐ ESCS B ☐ FS C ☐

19-2. TOTAL SYS.

20. F Y

21. FACILITIES: A ☐ Federally-owned B ☐ Federally-leased C ☐ Combined D ☐ State E ☐ Other

22.-23. REGIONAL PROJECT NO.

24. OBJECTIVES 25. APPROACH *(Use space needed for "24. OBJECTIVES", then indicate "25. APPROACH".)*

27. KEYWORDS

RECOMMENDED			APPROVED — *Check applicable one* — CONCURRED		
SIGNATURE	TITLE	DATE	SIGNATURE	TITLE	DATE

28. AWARD DATE *(Day, Mo., Yr.)* | 29. START DATE *(Day, Mo., Yr.)* | 30. TERMINATION *(Day, Mo., Yr.)* | DURATION *(Months)*

FOR USDA USE ☐ Project referred and cleared by all interested agencies for entry into CRIS. | SIGNATURE | DATE

FORM AD-416 (6/79)

U.S. DEPARTMENT OF AGRICULTURE

RESEARCH WORK UNIT/PROJECT DESCRIPTION - CLASSIFICATION OF RESEARCH

U.S. OEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATION AND OTHER INSTITUTIONS

DATE *(Day, Month, Year)*

1. ACCESSION NO. | AGENCY IDENTIFICATION NO. 2. 3. 4. | 5. WORK UNIT/PROJECT NO. | 31. HATCH MARKETING ☐ Yes ☐ No %

32. BASIC RESEARCH % | 33. APPLIED RESEARCH % | 34. DEVELOPMENT EFFORT % | 35. FORESTRY %

CLASSIFICATION BY ACTIVITY, COMMODITY, SCIENCE, AND RESEARCH PROBLEM AREA

	ACTIVITY		COMMODITY		SCIENCE		RESEARCH PROBLEM AREA	PRODUCT OF (2) X (4) X (6)
	CODE (1)	% (2)	CODE (3)	% (4)	CODE (5)	% (6)	CODE (7)	% (8)
36.								
37.								
38.								
39.								
40.								
41.								
42.								
43.								
44.								
45.								
46.								
47.								

SPECIAL CLASSIFICATION

Fields 48-77 are used to identify special areas of research such as Pollution, Health and Medical, Tobacco-Health, Weather, Nuclear Radiation, Poverty, Natural Beauty, Sub-Commodities, Pesticide Targets, Water Resources, Energy, Home Economics, Sub-Activities (SEA/AR) and Special Research Programs (SEA/AR). Refer to your agency manual for specific codes and instructions.

CODE	%	CODE	%	CODE	%	CODE	%	CODE	%
48.		54.		60.		66.		72.	
49.		55.		61.		67.		73.	
50.		56.		62.		68.		74.	
51.		57.		63.		69.		75.	
52.		58.		64.		70.		76.	
53.		59.		65.		71.		77.	

79. COOPERATORS: A ☐ USDA B ☐ Other Federal Agencies C ☐ Industry and other D ☐ State

COOPERATING DEPARTMENTS WITHIN STATE PERFORMING INSTITUTION

80.

81.

82.

83. REPORTING DEPARTMENT WITHIN STATE PERFORMING INSTITUTION

AD FORM 417 JUN 1979

NEW SPECIAL CLASSIFICATION
IN THE
CURRENT RESEARCH INFORMATION SYSTEM (CRIS)

Agricultural Economics Research, Table K

Effective January 1, 1985, AGRICULTURAL ECONOMICS RESEARCH, TABLE K, is added as a new special classification in CRIS.

Please insert the table as pages 28b-28c in the Manual of Classification of Agricultural and Forestry Research, Revision IV.

GUIDELINES ON USE

Special classifications in Table K are designed for use on projects in CRIS that are classified to the primary Field of Science code for Economics - 2630. The special classification codes and associated percentages are entered in fields 48 through 77 on CRIS Form AD-417. In assigning percentages, the following rule applies:

> **The sum of the percentages for all special Agricultural Economics Research codes assigned must equal the sum of all product percentages in column 8, fields 36 through 47, that are associated with the primary classification code for Field of Science 2630.**

Projects entered in CRIS prior to January 1985 will not be reviewed for reclassification according to Table K. Furthermore, it is not planned to generate special CRIS reports based on the new classification until all active projects for a complete fiscal year base have been reviewed for applicable codes prior to submission to CRIS.

CHANGES TO THE MANUAL OF CLASSIFCATION

Please enter the following changes/additions in the text of the Manual of Classification of Agricultural and Forestry Research, Revision IV:

Page iii. CONTENTS.

Add the following to entries under SPECIAL CLASSIFICATION CODE TABLES:

AGRICULTURAL ECONOMICS RESEARCH - TABLE K 28b

Page 1. INTRODUCTION. Paragraph titled Special Classification:

Change fourth sentence to read:

"There are currently eight series of special classifications:"

Add the following to the special classifications listed:

- o Agricultural Economics Research (Table K)

Change last sentence to read:

"A single project may be coded to none or a maximum of 30 different codes from any of the eight series."

Page 8. SPECIAL CLASSIFICATION-Fields 48-77.

Change second sentence to read:

"Special classifications and associated codes are listed in Tables E through K."

Change fourth sentence to read:

"Except for subcommodities and Table K, special classifications are treated independently of primary classifications; i.e., assignment of special classification codes (other than subcommodities and Table K codes) in fields 48-77..."

Add the following to the special classifications listed:

AGRICULTURAL ECONOMICS - TABLE K.

Page 9. Special Classification Procedure-Fields 48-77.

Change heading of first paragraph to read:

"Selection of Special Classifications (Tables E - K)."

Change second sentence, second paragraph, to read:

"Except for subcommodities and Table K codes, percentages bear no fixed relationship to percentages assigned..."

Add the following below existing paragraphs:

"Selection of Agricultural Economics Research Codes (from Table K). Select one or more codes from Table K when Economics Field of Science code 2630 is used as a primary classification in fields 36-47."

"Assignment of Percentages to Agricultural Economics Research Codes. Percentages assigned to Agricultural Economics Research codes (Table K) bear a direct relationship to the percentages assigned to the primary Field of Science code 2630. **The sum of the percentages for all special Agricultural Economics Research codes must equal the sum of all product percentages in column 8, lines 36 through 47, that are associated with the primary classification for Field of Science 2630.**

Note: Effective July 1, 1983, Table J, Range and Pasture Research, has been added as a special classification in CRIS. Please contact your cognizant agency to obtain copies of Table J for inclusion in the Manual.

AGRICULTURAL ECONOMICS RESEARCH

CODE	DESCRIPTION

K2631 Farm Management and Production Economics

- Farm Production Economics
- Farm Management
- Farm Accounts and Recordkeeping
- Farm Firm Growth

K2632 Agricultural Marketing

- Firm, Plant, and Market Efficiency
- Food Processing and Distribution
- Transportation and Storage
- Plant Location and Interregional Trade
- Marketing Regulations
- Marketing System Structure and Performance
- Futures Markets
- Cooperatives Organization and Policy
- Pricing Systems

K2633 Agribusiness Management

- Business Administration
- Managerial Economics
- Finance and Accounting
- Marketing and Advertising
- Decision Analysis and Risk Management
- Forecasting and Planning

K2634 Agricultural Price, Income, and Policy Analysis

- Commodity Supply and Demand Analysis
- Manufactured Input Supply and Demand Analysis
- Agricultural Situation and Outlook
- Agricultural Income and Expenses
- Agricultural Policy Analysis
- Agricultural Sector Performance Measures
- Farm Structure

K2635 International Agricultural Trade and Development

- Trade Policy
- Food Assistance Programs
- Technical Assistance
- Commodity Analysis and Projections
- Country and Regional Analysis
- Economic Growth and Development
- Agricultural Sector Analysis

K2636 Agricultural Finance

- Farm Financial Management
- Farm Lending Institutions
- Financial Markets
- Macroeconomic Finance
- Farm Real Estate Values and Prices
- Risk Management
- Insurance
- Taxation

CODE	DESCRIPTION	
K2637	**Natural Resource and Environmental Economics**	
	Water Resources	Environmental, Chemical, and Animal Wastes Management
	Forestry	Mineral Resources
	Fisheries	Energy
	Recreation	
	Land Resources	
K2638	**Community Resource Economics**	
	Water, Sewer, and Health Facilities	Land Use Zoning and Planning
	Employment	State and Local Government Finance
	Housing	Industrialization
	Regional Economics	Economic Planning and Development
K2639	**Human Resource Economics**	
	Education	Food Assistance Programs
	Health Services	Employee Training and Development
	Poverty	Demography
	Welfare Programs	
K2640	**Consumer Economics**	
	Demand	Regulations and Protection
	Education	Finance
K2641	**Economic Theory**	
	Microeconomics	Institutional Economics
	Macroeconomics	Welfare Economics
	International Economics	Regional Economics
	Labor Economics	Location Theory
	Industrial Economics	Decision Theory
K2642	**Research Methods**	
	Econometrics	Simulation Models
	Statistics	Data Collection
	Mathematics	Research Methodology
	Systems Analysis	Economic Philosophy
K2643	**Other Specialties**	
	Research Management	
	Public Administration	
	Other	

GPO 912-374

U.S. DEPARTMENT OF AGRICULTURE

RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH FUNDS AND MANPOWER

DATE (Day, mo., yr.)

U.S. DEPARTMENT OF AGRICULTURE USE ONLY

1. ACCESSION NO.	AGENCY IDENTIFICATION NO. 2	3	4	5. WORK UNIT/PROJECT NO.	22-23. REGIONAL PROJECT NO.

7. TITLE

ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION	FIELD NUMBER	
FEDERAL RESEARCH FUNDS USDA APPROPRIATIONS		
Regular, In House	(101)	
Regular, Contracts, Grants, Agreements with AES	(102)	
Regular, Contracts, Grants, Agreements with Others	(103)	
Special Funds (015) (SEA/AR) In House	(104)	
Special Funds (010) (SEA/AR) In House	(105)	
Forest Service Research Contracts	(106)	
Other USDA *(Identify)*	(107)	
TOTAL	(131)	
OTHER FEDERAL RESEARCH FUNDS		
Department of Energy	(310)	
Agency for International Development	(308)	
Department of Defense	(311)	
National Institutes of Health	(316)	
Public Health Service	(312)	
Health, Education and Welfare (Other)	(313)	
National Aeronautics and Space Administration	(314)	
Tennessee Valley Authority	(315)	
Foreign Agricultural Research (PL 480)	(317)	
Other Federal Funds *(Identify)*	(318)	
TOTAL	(332)	
NON-FEDERAL RESEARCH FUNDS		
State Funds, In House	(201)	
State Funds, Contracts, Grants, Agreements with AES	(202)	
State Funds, Contracts, Grants, Agreements with Others	(203)	
Other Non-Federal Funds *(Identify)*	(233)	
TOTAL	(133)	
TOTAL ALL RESEARCH FUNDS AT LOCATION	(134)	

STAFF SUPPORT		STAFF EFFORT (years) ACTUAL	ESTIMATE
FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)			
Scientists (GS-11 and above)	(141)		
Professional Support	(142)		
Technical Support	(143)		
Clerical, Labor and Other	(144)		
TOTAL STAFF YEARS	(350)		

SUBMITTED BY (Signature) TITLE

Form AD 418 (4-...)

UNITED STATES DEPARTMENT OF AGRICULTURE

RESEARCH WORK UNIT/PROJECT DESCRIPTION – RESEARCH FUNDS AND STAFF SUPPORT

FOR STATE AND OTHER NON-FEDERAL INSTITUTION USE

DATE (Day, mo., year)

1. ACCESSION NO.	AGENCY IDENTIFICATION NO. 2.	3.	4.	5. WORK UNIT/PROJECT NO.	22-23. REGIONAL PROJECT NO.	TYPE/GRANT NO.

7. TITLE

ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION (Round to nearest whole dollar)	FIELD NUMBER	FY ACTUAL $
FEDERAL RESEARCH FUNDS CSRS ADMINISTERED		
Hatch Funds	(201)	
Regional Research Funds	(202)	
McIntire Stennis Funds	(203)	
Grants for Research (PL89-106) ☐ Special Grants ☐ Competitive Grants	(204)	
Other Funds ☐ Animal Health Sec. 1433 ☐ Alcohol Fuels Sec. 1419 ☐ 1890/Tuskegee Sec. 1445 ☐ Native Latex PL95-592 ☐ Other *(Identify)*	(205)	
TOTAL →	(231)	
OTHER FEDERAL RESEARCH FUNDS		
USDA Contracts Grants Co-op Agreements *(Identify Agency)*	(219)	
National Science Foundation	(209)	
Department of Energy	(310)	
Agency for International Development	(308)	
Department of Defense	(311)	
National Institutes of Health	(316)	
Public Health Service	(312)	
Health and Human Services	(313)	
National Aeronautics and Space Administration	(314)	
Tennessee Valley Authority	(315)	
Other Federal Funds *(Identify)*: $		
CSRS Administered "Pass Through" Funds		
AID Nitrogen Fixation		
EPA Strip Mine Reclamation		
Department of Energy		
Forest Service		
Other *(Identify)*:	(318)	
TOTAL →	(332)	
NON-FEDERAL RESEARCH FUNDS		
State Appropriations	(220)	
Sale of Products	(221)	
Industry Grants and Agreements	(222)	
Other Non-Federal Funds	(223)	
TOTAL →	(233)	
TOTAL ALL RESEARCH FUNDS AT LOCATION →	(234)	

STAFF SUPPORT		STAFF EFFORT – ACTUAL (years)
NON-FEDERALLY EMPLOYED STAFF SUPPORT *(Report nearest 0.1)*		
Scientists (Assistant Professor and above)	(241)	
Professional Support	(242)	
Technical Support	(243)	
Clerical, Labor, and Other	(244)	
TOTAL STAFF YEARS →	(350)	

SUBMITTED BY (Signature) TITLE

FORM AD-419 (Rev. 4-84)

CLASSIFICATION CODESHEET FOR REPORT OF AGRICULTURAL RESEARCH

Commodity, Resource or Technology not Associated with Specific Commodities

Commodities or Resources

0100	Soil and land
0200	Water
0300	Watersheds and river basins
0400	Air and climate
0500	Recreation resources
0600	Trees, forests, and forest products [excluding edible tree nut crops (see 1015), and tung (see 2560)]
0700	Range
0800	Fish, shellfish, game and fur-bearing animals and other wildlife and their habitats
0900	Citrus and subtropical fruit
1000	Deciduous and small fruits and edible tree nuts
1100	Potatoes
1200	Vegetables
1300	Ornamentals and turf
1400	Corn (includes popcorn) - (for sweetcorn see 1280)
1500	Grain sorghum
1600	Rice
1700	Wheat
1800	Other small grains
1900	Pasture
2000	Forage crops
2100	Cotton (including cottonseed for planting purposes)
2200	Cottonseed (for meal, oil, etc.)
2300	Soybeans
2400	Peanuts
2500	Other oilseed and oil crops (excluding cottonseed)
2600	Tobacco
2700	Sugar crops
2800	Miscellaneous and new crops
2900	Poultry
3000	Beef cattle
3100	Dairy cattle
3200	Swine
3300	Sheep and wool
3400	Other animals (see 0850 for fur-bearing animals)
3500	Bees and honey and other pollinating insects
3600	General purpose supplies - includes: machinery, equipment, fertilizers, feedstuffs, and pesticides
3700	Clothing and textiles
3800	Food (not readily asociated with specific plants and animal products)
3900	Structures and facilities

Commodities or Resources

4000	People as individual workers, consumers and members of society
4100	The family and its members
4200	The farm as a business enterprise
4300	Communities, areas and regions, including countries and States and their institutions
4400	Agricultural economy of United States and sectors thereof, including interrelationships with the total economy
4500	Agricultural economy of foreign countries and sectors thereof, including interrelationships with the total economy
4600	Farmer cooperatives
4700	Marketing, processing and supply firms other than cooperatives
4800	Marketing systems and sectors thereof
6100	Weeds
6200	Seed research
6300	Biological cell systems
6400	Experimental design and statistical methods
6500	Invertebrates (including insects, mites, ticks, snails, slugs, and leaches)
6600	Microorganisms, viruses, etc.
6700	Plants
6800	Animals (vertebrates)
6900	Research on research management (not research management *per se*)
7000	Research equipment and technology (such as remote sensing)

RESEARCH PROBLEM AREAS (RPA's)

GOAL I: INSURE A STABLE AND PRODUCTIVE AGRICULTURE FOR THE FUTURE THROUGH WISE MANAGEMENT OF NATURAL RESOURCES

101 Appraisal of Soil Resources
102 Soil, Plant, Water, Nutrient Relationships
103 Management of Saline and Sodic Soils and Salinity
104 Alternative Uses of Land
105 Conservation and Efficient Use of Water

106 Efficient Drainage and Irrigation Systems and Facilities
107 Watershed Protection and Management
108 Economic and Legal Problems in Management of Water and Watersheds
109 Adaptation to Weather and Weather Modification
110 Appraisal of Forest and Range Resources

111 Biology, Culture and Management of Forests and Timber-Related Crops
112 Improvement of Range Resources
113 Remote Sensing
114 Research on Management of Research

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS, DISEASES AND OTHER HAZARDS

201 Control of Insects Affecting Forests
202 Control of Diseases, Parasites and Nematodes Affecting Forests
203 Prevention and Control of Forest and Range Fires
204 Control of Insects, Mites, Slugs and Snails on Fruit and Vegetable Crops
205 Control of Diseases and Nematodes of Fruit and Vegetable Crops

206 Control of Weeds and Other Hazards to Fruit and Vegetable Crops
207 Control of Insects, Mites, Snails and Slugs Affecting Field Crops and Range
208 Control of Diseases and Nematodes of Field Crops and Range
209 Control of Weeds and Other Hazards of Field Crops and Range
210 Control of Insects and External Parasites Affecting Livestock, Poultry and Other Animals

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS, DISEASES AND OTHER HAZARDS (Continued)

211 Control of Diseases of Livestock, Poultry and Other Animals
212 Control of Internal Parasites of Livestock, Poultry and Other Animals
213 Protect Livestock, Poultry and Other Animals from Toxic Chemicals, Poisonous Plants, and Other Hazards
214 Protection of Plants, Animals and Man from Harmful Effects of Pollution

GOAL III: PRODUCE AN ADEQUATE SUPPLY OF FARM AND FOREST PRODUCTS AT DECREASING REAL PRODUCTION COSTS

301 Genetics and Breeding of Forest Trees
302 New and Improved Forest Engineering Systems
303 Economics of Timber Production
304 Improvement of Biological Efficiency of Fruit and Vegetable Crops
305 Mechanization of Fruit and Vegetable Crop Production

306 Production Management Systems for Fruits and Vegetables
307 Improvement of Biological Efficiency of Field Crops
308 Mechanization of Production of Field Crops
309 Production Management Systems for Field Crops
310 Reproductive Performance of Livestock, Poultry and Other Animals

311 Improvement of Biological Efficiency in Production of Livestock, Poultry and Other Animals
312 Environmental Stress in Production of Livestock, Poultry and Other Animals
313 Production Management Systems for Livestock, Poultry and Other Animals
314 Bees and Other Pollinating Insects
315 Improvement of Structures, Facilities and General Purpose Farm Supplies and Equipment

316 Farm Business Management
317 Mechanization and Structures Used in Production of Livestock, Poultry and Other Animals
318 Non-Commodity-Oriented Biological Technology and Biometry

GOAL IV: EXPAND THE DEMAND FOR FARM AND FOREST PRODUCTS BY DEVELOPING NEW AND IMPROVED PRODUCTS AND PROCESSES AND ENHANCING PRODUCT QUALITY

401 New and Improved Forest Products
402 Production of Fruit and Vegetable Crops with Improved Acceptability
403 New and Improved Fruit and Vegetable Products and Byproducts
404 Quality Maintenance in Storing and Marketing Fruits and Vegetables
405 Production of Field Crops with Improved Acceptability

406 New and Improved Food Products from Field Crops
407 New and Improved Feed, Textile and Industrial Products from Field Crops
408 Quality Maintenance in Storing and Marketing Field Crops
409 Production of Animal Products with Improved Acceptability
410 New and Improved Meat, Milk, Eggs and Other Animal Food Products

411 New and Improved Non-Food Animal Products
412 Quality Maintenance in Marketing Animal Products

GOAL V: IMRPOVE EFFICIENCY IN THE MARKETING SYSTEM

501 Improvement of Grades and Standards--Crop and Animal Products
502 Development of Markets and Efficient Marketing of Timber and Related Products
503 Efficiency in Marketing Agricultural Products and Production Inputs

506 Supply, Demand and Price Analysis--Crop and Animal Products
507 Competitive Interrelationships in Agriculture
508 Development of Domestic Markets for Farm Products
509 Performance of Marketing Systems
510 Group Action and Market Power

511 Improvement in Agricultural Statistics
512 Improvement of Grades and Standard of Forest Products
513 Supply, Demand and Price Analysis - Forest Products

GOAL VI: EXPAND EXPORT MARKETS AND ASSIST DEVELOPING NATIONS

601 Foreign Market Development
602 Evaluation of Foreign Food Aid Programs
603 Technical Assistance to Developing Countries
604 Product Development and Marketing for Foreign Markets

GOAL VII: PROTECT CONSUMER HEALTH AND IMPROVE NUTRITION AND WELL-BEING OF THE AMERICAN PEOPLE

701 Insure Food Products Free of Toxic Contaminants Including Residues from Agricultural Sources
702 Protect Food and Feed Supplies from Harmful Microorganisms and Naturally Occurring Toxins
703 Food Choices, Habits and Consumption
704 Home and Commercial Food Service
705 Selection and Care of Clothing and Household Textiles

706 Control of Insect Pests of Man and His Belongings
707 Prevent Transmission of Animal Diseases and Parasites to Man
708 Human Nutrition
709 Reduction of Hazards to Health and Safety

GOAL VIII: ASSIST RURAL AMERICANS TO IMPROVE THEIR LEVEL OF LIVING

801 Housing
802 Individual and Family Decision Making and Resource Use and Family Functioning
803 Causes of Poverty Among Rural People
804 Improvement of Economic Potential of Rural People
805 Communication and Education Processes

806 Individual and Family Adjustment to Change
807 Structural Changes in Agriculture
808 Government Programs to Balance Farm Output and Market Demand

GOAL IX: PROMOTE COMMUNITY IMPROVEMENT INCLUDING DEVELOPMENT OF BEAUTY, RECREATION, ENVIRONMENT, ECONOMIC OPPORTUNITY, AND PUBLIC SERVICES

901 Alleviation of Soil, Water and Air Pollution and Disposal of Wastes
902 Outdoor Recreation
903 Multiple Use Potential of Forest Land and Evaluation of Forestry Programs
904 Fish and Other Marine Life, Fur-Bearing Animals and Other Wildlife
905 Trees to Enhance Rural and Urban Environment

906 Culture and Protection of Ornamentals and Turf
907 Improved Income Opportunities in Rural Communities
908 Improvement of Rural Community Institutions and Services

RESEARCH PROGRAM GROUP (RPG)/RESEARCH PROGRAM (RP)

RPG 1.00 NATURAL RESOURCES
- RP 1.01 Soil and Land Use
- RP 1.02 Water and Watersheds
- RP 1.03 Recreation
- RP 1.04 Environmental Quality
- RP 1.05 Weather Modification for Agriculture and Forestry
- RP 1.06 Fish and Wildlife
- RP 1.07 Remote Sensing
- RP 1.08 Aquatic Weeds
- RP 1.09 Natural Resource - General

RPG 2.00 FORESTRY
- RP 2.01 Inventory and Appraisal of Forest Resources
- RP 2.02 Timber Management
- RP 2.03 Forest Protection
- RP 2.04 Harvesting, Processing and Marketing Forest Products
- RP 2.05 Forest Watersheds, Soils Pollution
- RP 2.06 Forest Range Wildlife and Fisheries Habitat Develop
- RP 2.07 Forest Recreation and Aesthetics and other Landscape Values
- RP 2.08 Alternative Uses of Land
- RP 2.09 Technical Assistance
- RP 2.10 Trees, Forests and Forest Products - General
- RP 2.11 Forest and Range Resources

RPG 3.00 CROPS (Field and Horticultural)
- RP 3.01 Corn
- RP 3.02 Grain Sorghum
- RP 3.03 Wheat
- RP 3.04 Small grains other than Wheat
- RP 3.05 Rice
- RP 3.06 Soybeans
- RP 3.07 Peanuts
- RP 3.08 Sugar
- RP 3.09 Forage, Range and Pasture
- RP 3.10 Cotton
- RP 3.11 Tobacco
- RP 3.12 New Crops and Minor Oilseeds
- RP 3.13 Fruit
- RP 3.14 Vegetable Crops
- RP 3.15 Plants to Enhance the Environment
- RP 3.16 Bees and other Pollinating Insects
- RP 3.17 Weeds in Crops
- RP 3.18 Seeds
- RP 3.19 Nonspecific Plants

RESEARCH PROGRAM GROUP (RPG)/RESEARCH PROGRAM (RP)

RPG 4.00 ANIMALS
- RP 4.01 Beef
- RP 4.02 Dairy
- RP 4.03 Poultry
- RP 4.04 Sheep
- RP 4.05 Swine
- RP 4.06 Other Animals (Horses, Goats, Pets, Laboratory, etc.)
- RP 4.07 Aquatic Food and Feedstuffs
- RP 4.08 Nonspecific Animals
- RP 4.09 Invertebrates

RPG 5.00 PEOPLE, COMMUNITIES AND INSTITUTIONS INCLUDING RURAL DEVELOPMENT
- RP 5.01 Individuals and Families
- RP 5.02 Living Environment
- RP 5.03 Communities, Institutions and Services
- RP 5.04 Insects Affecting Man and his Belongings
- RP 5.05 Research on Administration of Research

RPG 6.00 COMPETITION/TRADE/ADJUST/PRICE AND INCOME
- RP 6.01 Farm Adjustment, Prices and Income
- RP 6.02 Foreign Agricultural Trade and Economic Development
- RP 6.03 Marketing and Competition

RPG 7.00 GENERAL RESOURCE OR TECHNOLOGY
- RP 7.01 Manmade Resources
- RP 7.02 Technology not Assosicated with Specific Commodities, Resources of RPGs

RPG 8.00 FOOD SCIENCE AND HUMAN NUTRITION
- RP 8.01 Human Nutritiion
- RP 8.02 Food Processing
- RP 8.03 Food Safety
- RP 8.04 Food Storage, Distribution and Marketing
- RP 8.05 Food Service

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- NATIONAL TOTAL USDA - SAES - OTHER INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1462	549.7	33,670,159	72,423,133	*	*
0200 WATER	973	353.2	26,185,528	46,828,082	*	*
0300 WATERSHEDS RIVER BAS	285	197.3	20,493,876	26,555,993	*	*
0400 AIR AND CLIMATE	152	53.8	2,697,385	7,935,900	*	*
0500 RECREATION RESOURCES	148	61.6	4,023,224	7,550,506	*	*
0600 TIMBER FORST PRODUCT	1659	1159.8	104,671,301	162,918,070	*	*
0700 RANGE	390	177.8	13,052,213	23,017,704	*	*
0800 WILDLIFE AND FISH	774	283.7	12,883,816	40,347,532	*	*
0900 CITRUS SUB TROP FRUT	359	187.2	12,274,606	25,260,482	*	*
1000 FRUIT NUTS DECIDUOUS	1165	449.0	26,205,865	63,687,621	*	*
1100 POTATOES	372	121.5	7,526,828	15,875,069	*	*
1200 VEGETABLES	1731	573.5	32,102,237	78,695,185	*	*
1300 ORNAMENTALS TURF	677	251.0	9,875,877	31,240,638	*	*
1400 CORN	1173	318.6	19,785,125	45,234,578	*	*
1500 GRAIN SORGHUM	403	89.5	4,165,509	13,097,872	*	*
1600 RICE	185	70.0	3,336,751	9,477,893	*	*
1700 WHEAT	861	284.1	18,070,886	37,008,721	*	*
1800 OTHER SMALL GRAINS	516	123.7	6,806,855	16,342,072	*	*
1900 PASTURE	180	37.9	2,639,205	5,719,830	*	*
2000 FORAGE CROPS	1113	356.6	23,549,181	51,493,044	*	*
2100 COTTON	539	308.3	29,509,478	43,179,986	*	*
2200 COTTONSEED	48	20.4	2,198,469	2,579,634	*	*
2300 SOYBEANS	1138	359.9	25,709,771	51,385,974	*	*
2400 PEANUTS	235	86.4	5,675,306	11,506,563	*	*
2500 OTHER OILSEED CROPS	195	49.8	2,980,519	6,490,728	*	*
2600 TOBACCO	210	94.8	6,643,443	14,468,262	*	*
2700 SUGAR CROPS	250	103.4	9,519,190	14,436,466	*	*
2800 MISC NEW CROPS	231	71.7	6,160,722	9,848,598	*	*
2900 POULTRY	881	342.0	23,228,096	53,465,442	*	*
3000 BEEF CATTLE	1801	642.8	50,223,164	120,332,753	*	*
3100 DAIRY CATTLE	1497	465.2	36,504,398	89,263,543	*	*
3200 SWINE	889	278.9	29,338,252	58,748,106	*	*
3300 SHEEP AND WOOL	514	130.2	10,974,571	22,018,649	*	*
3400 OTHER ANIMALS	627	183.1	7,385,752	28,868,349	*	*
3500 BEES AND HONEY	71	42.3	3,847,056	5,152,290	*	*
3600 FARM SUPP & FACILITS	115	36.8	1,700,800	5,214,178	*	*
3700 CLOTHING & TEXTILES	74	24.4	970,480	2,180,739	*	*
3800 FOOD	635	258.2	20,597,531	37,091,808	*	*
3900 HOUSING & EQUIP	250	81.1	3,999,795	10,020,981	*	*
4000 PEOPLE AS INDIVIDUALS	715	265.9	21,952,425	36,165,428	*	*
4100 FAMILY MEMBERS	282	99.4	16,093,629	21,550,793	*	*
4200 FARM AS BUSINESS	239	76.8	1,721,859	6,794,888	*	*
4300 SOC POLIT ORGANIZ	383	143.3	6,448,064	13,381,714	*	*
4400 AGRIC ECONOMY U S	192	113.2	10,080,456	14,169,029	*	*
4500 AGRIC ECONOMY FORGN	121	119.3	8,757,459	9,691,658	*	*
4600 FARM COOPERATIVES	45	29.1	2,377,904	2,782,918	*	*
4700 OTH MARKET PROCESS	38	8.2	154,745	863,331	*	*
4800 MARKETING SYSTEMS	121	50.5	2,462,046	4,490,816	*	*
6100 WEEDS	139	43.8	4,579,623	6,258,302	*	*
6200 SEED RESEARCH	75	38.0	2,396,434	5,245,148	*	*
6300 BIO CELL SYSTEMS	339	137.4	4,393,964	21,510,080	*	*
6400 EXP DESIGN/STAT METHOD	83	33.7	922,716	4,846,468	*	*
6500 INVERTEBRATES	408	239.3	19,121,105	30,652,120	*	*
6600 MICROORGANISMS VIRUSES	469	150.1	12,462,582	23,146,016	*	*
6700 PLANTS	1212	512.2	46,703,088	77,229,132	*	*
6800 ANIMALS(VERTEBRATES)	585	259.5	9,140,387	44,633,877	*	*
6900 RESEARCH ON RSCH MGMT	46	30.4	1,134,491	6,305,916	*	*
7000 RSCH EQUIP & TECHNOLOGY	161	46.0	1,731,800	6,661,260	*	*
9900 UNCLASSIFIED	3	1.0	228,129	232,929	*	*
TOTAL		11676.3	834,046,123	1,703,574,798	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- NATIONAL TOTAL USDA - SAES - OTHER INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTED (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 100						
101 APPRAIS OF SOIL RESOR	219	81.6	1,862,287	9,706,982	*	*
102 SOIL PLNT WTR RUTEI	916	351.2	22,433,963	48,087,957	*	*
103 MGMT OF SALINE SOILS	78	32.7	3,272,010	5,219,366	*	*
104 ALTERN USE OF LAND	206	73.6	3,238,630	7,434,754	*	*
105 CONSERV USE OF WATER	454	179.1	14,705,020	24,844,232	*	*
106 DRAIN AND IRRIGATION	200	78.3	6,427,237	10,847,765	*	*
107 WATERSHED PROT & MGMT	339	223.1	24,947,825	32,628,412	*	*
108 ECON LEG PROB OF WAT	62	50.6	2,967,796	4,649,263	*	*
109 WEATHER ADAPT & MOD	168	58.3	2,560,806	8,696,655	*	*
110 APPRAIS FORST & RANGS	178	99.8	11,771,934	16,005,451	*	*
111 BIOL CULT MGMT FORSTS	514	304.0	23,219,946	40,858,873	*	*
112 IMPROV RANGE RESOR	246	107.8	7,231,927	13,938,505	*	*
113 REMOTE SENSING	68	25.4	2,343,672	3,927,005	*	*
114 RSCH ON MGMT OF RSCH	45	26.7	1,134,491	5,965,492	*	*
SUBTOTAL		1692.2	128,117,545	232,810,714	*	*
SERIES 200						
201 CNTRL FORST INSECTS	207	128.1	13,817,009	19,154,860	*	*
202 CONTROL FOREST DIS	178	90.1	10,345,418	14,006,643	*	*
203 FOREST FIRE PROTECT	34	65.3	8,108,667	9,007,048	*	*
204 CNTR PESTS FRT & VEGS	560	196.2	14,427,920	29,624,937	*	*
205 CNTR DISE FRT & VEG	927	289.6	16,246,724	40,477,518	*	*
206 CNTR WEEDS FRT & VEG	230	55.5	3,390,949	7,712,885	*	*
207 CNTR PESTS FLD CROPS	816	353.3	28,553,516	47,518,492	*	*
208 CNTR DIS FIELD CROPS	1006	338.0	23,819,611	46,381,775	*	*
209 CNTR WEEDS FLD CROPS	475	178.8	12,513,746	25,900,373	*	*
210 CONTR PESTS ANIMALS	192	90.2	9,069,103	12,252,764	*	*
211 CONTR DIS ANIMALS	1480	587.4	52,107,551	105,530,250	*	*
212 CNTR INTER PARASITES	198	73.2	7,063,370	12,322,041	*	*
213 PROT ANMLS FROM TOXINS	217	91.8	5,370,585	16,202,686	*	*
214 PROTECT FROM POLLUTION	271	93.7	6,158,163	16,619,417	*	*
SUBTOTAL		2631.2	210,992,333	402,711,689	*	*
SERIES 300						
301 GENET BREED FORST TRE	152	84.5	5,649,280	12,267,528	*	*
302 IMP FOREST ENG SYS	53	33.8	2,636,895	4,669,102	*	*
303 ECON TIMBER PRODUCTN	72	34.7	1,948,152	4,059,076	*	*
304 IMP BIO EFF FRT & VEGS	1192	405.1	20,617,912	58,497,141	*	*
305 MECH PROD FRT & VEGS	148	41.8	2,630,130	5,417,787	*	*
306 PROD MGMT SYS F & V	129	20.7	624,003	3,000,293	*	*
307 IMP BIO EFF FLD CRP	1852	792.6	43,796,568	120,870,133	*	*
308 MECH PROD FIELD CROPS	144	61.7	5,550,005	8,985,730	*	*
309 PROD MGMT SYS FLD CRP	379	88.4	3,230,067	13,602,475	*	*
310 ANIMAL REPRODUCTION	603	240.0	16,931,303	47,263,582	*	*
311 IMP BIO EFF ANML PR	1383	581.0	36,652,068	129,597,866	*	*
312 ENV STRESS IN ANML PR	218	57.0	3,050,952	9,559,207	*	*
313 PROD MGMT SYS ANML PR	343	81.8	3,843,928	14,923,531	*	*
314 BEES OTH POLLNTNG INS	71	42.3	3,847,056	5,152,290	*	*
315 IMP STRUC FARM SUPP	166	47.6	1,417,569	7,403,914	*	*
316 FARM BUSINESS MGMT	181	59.7	1,155,780	5,058,210	*	*
317 MECH/STRUCTS ANML PRD	70	20.2	877,841	3,010,532	*	*
318 NON CON BIO TECH/ENGT	1691	776.6	56,956,645	115,572,092	*	*
SUBTOTAL		3469.5	211,416,155	568,910,489	*	*
SERIES 400						
401 NEW IMP FOREST PROD	224	206.6	17,003,992	27,716,542	*	*
402 PROD F & V IMP ACCEPT	318	69.0	3,787,604	10,238,100	*	*
403 NEW & IMP F & V PROD	232	105.4	6,505,558	12,157,160	*	*
404 MKT QUAL FRTS & VEGS	252	115.3	9,347,804	14,224,842	*	*
405 PROD FLD CROP IMP ACPT	398	159.9	12,492,222	23,301,599	*	*
406 NEW IMP FOOD FLD CROP	173	119.4	10,113,184	13,897,818	*	*
407 NEW IMP NON FOOD FC	178	119.1	10,486,399	14,496,828	*	*
408 MKT QUAL FIELD CROPS	153	67.6	5,757,888	7,827,949	*	*
409 PROD ANML PR IMP ACCP	171	51.7	4,073,550	9,193,619	*	*
410 IMP MEAT MILK EGG PR	274	112.6	6,119,707	14,456,134	*	*
411 IMP NON FOOD ANML PR	37	20.0	2,473,327	2,889,660	*	*
412 MKT QUAL ANIMAL PROD	121	36.4	2,066,114	5,032,069	*	*
SUBTOTAL		1182.9	90,227,349	155,442,322	*	*
SERIES 500						
501 IMP GRADES & STANDS	79	28.8	2,706,666	4,211,879	*	*
502 MKTG TIMBER PRODUCTS	52	21.7	1,567,885	2,608,510	*	*
503 MKTG EFF AGRI PRODS	212	82.3	4,203,222	7,770,765	*	*
506 SPLY DEMAND AND PRIC	228	126.9	7,362,356	11,451,304	*	*
507 COMP REL IN AGRIC	66	15.9	553,280	1,644,708	*	*
508 DOMESTIC MKT DEVELP	35	8.8	341,797	894,784	*	*
509 PERFORMANCE MKTG SYS	188	113.3	6,343,425	9,870,706	*	*
510 GROUP ACT MKT POWER	26	11.2	929,999	1,210,745	*	*
511 IMP AGRIC STATISTICS	32	13.2	773,571	2,656,322	*	*
512 IMP GRADES FRST PROD	20	10.3	845,811	1,216,685	*	*
513 PRICE ANAL FRST PROD	31	13.0	806,524	1,457,933	*	*
SUBTOTAL		445.6	26,434,537	44,994,342	*	*
SERIES 600						
601 FGN MKT DEVELP	146	125.3	9,390,112	10,840,756	*	*
602 EVAL FGN FOOD AID PGM	4	0.3	7,270	28,437	*	*
603 TECH AID DEV CRTY	76	32.7	574,945	2,816,684	*	*
604 PRD DVLPMT/MKTG FRGN	30	26.0	2,571,249	2,863,256	*	*
SUBTOTAL		184.2	12,543,576	16,549,133	*	*
SERIES 700						
701 TOX RES IN FOOD	211	97.1	9,106,928	12,854,075	*	*
702 FOOD PROT FROM TOX	282	165.6	14,233,360	22,359,881	*	*
703 FOOD CONSUMP HABITS	142	44.4	2,070,095	5,404,866	*	*
704 HOME CONS FOOD SERV	53	13.7	411,203	1,435,224	*	*
705 SEL CARE CLOTH & TEXTL	64	19.0	741,186	1,709,859	*	*
706 CONTR INSECTS AFF MAN	156	66.9	4,312,783	8,351,940	*	*
707 TRANS ANIML MAN DIS	32	11.9	64,447	2,029,585	*	*
708 HUMAN NUTRITION	563	231.8	39,074,641	50,361,912	*	*
709 REDUCE HAZ HLTH & SFTY	129	81.3	9,927,562	10,978,126	*	*
SUBTOTAL		731.8	79,942,205	115,485,469	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- NATIONAL TOTAL USDA - SAES - OTHER INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 800						
801 RURAL HOUSING	70	27.8	1,863,769	2,992,579	*	*
802 INDIV & FAM DEC MAKING	193	57.6	2,169,749	5,637,194	*	*
803 RURAL POVERTY	40	15.0	1,148,494	1,323,480	*	*
804 ECON POTENT RURL PEO	93	35.1	2,449,024	3,588,489	*	*
805 COMMUNICAT EDUC PROC	124	36.9	779,401	3,973,561	*	*
806 ADJUSTMENT TO CHANGE	180	70.1	3,025,678	7,012,894	*	*
807 AGRIC ECONOMIC CHANGE	180	89.7	8,046,546	12,041,068	*	*
808 GOV T PROGRAMS	52	20.3	1,038,194	2,050,772	*	*
SUBTOTAL		352.5	20,524,856	38,620,038	*	*
SERIES 900						
901 ALLEV POLLUTION	592	254.0	16,100,041	34,342,981	*	*
902 OUTDOOR RECREATION	149	59.3	3,128,362	6,938,327	*	*
903 MULTI USE FOREST POTEN	113	61.0	6,068,451	7,194,486	*	*
904 WLDLFE AND FISH ECOL	635	228.4	10,526,010	33,891,188	*	*
905 TREES BEAUTIFICATION	110	34.4	3,692,462	6,050,409	*	*
906 ORNAMENT & TURF DEV	644	239.6	8,920,494	29,270,052	*	*
907 RURAL INCOME IMP	105	43.9	2,447,009	4,157,179	*	*
908 RURAL INSTITUT IMP	202	64.7	2,736,604	5,973,050	*	*
990 UNCLASSIFIED	3	1.0	228,129	232,929	*	*
SUBTOTAL		986.4	53,847,562	128,050,600	*	*
SCIENCE IN SERV OF MAN						
GRAND TOTAL		11676.3	834,046,117	1,703,574,796	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1401	532.0	32,839,533	70,570,184	*	*
0200 WATER	939	340.3	25,608,906	45,687,036	*	*
0300 WATERSHEDS RIVER BAS	258	192.1	20,255,259	25,817,428	*	*
0400 AIR AND CLIMATE	145	51.8	2,648,981	7,708,876	*	*
0500 RECREATION RESOURCES	117	57.1	3,922,994	6,986,892	*	*
0600 TIMBER FORST PRODUCT	1173	1004.7	102,416,890	143,456,331	*	*
0700 RANGE	373	172.0	12,945,329	22,473,211	*	*
0800 WILDLIFE AND FISH	650	253.5	11,893,118	36,684,722	*	*
0900 CITRUS SUB TROP FRUT	358	186.7	12,278,606	25,213,476	*	*
1000 FRUIT NUTS DECIDUCUS	1155	444.3	25,790,392	63,189,949	*	*
1100 POTATOES	371	121.4	7,521,573	15,869,815	*	*
1200 VEGETABLES	1695	551.7	29,836,057	76,346,005	*	*
1300 ORNAMENTALS TURF	673	250.7	9,855,288	31,208,105	*	*
1400 CORN	1164	318.2	19,628,178	45,057,101	*	*
1500 GRAIN SORGHUM	400	89.4	4,150,932	13,081,889	*	*
1600 RICE	184	70.0	3,336,751	9,477,317	*	*
1700 WHEAT	858	283.3	17,982,196	36,920,031	*	*
1800 OTHER SMALL GRAINS	511	122.7	6,637,477	16,172,694	*	*
1900 PASTURE	178	37.7	2,575,202	5,654,443	*	*
2000 FORAGE CPOPS	1101	349.6	22,906,955	50,824,738	*	*
2100 COTTON	535	306.9	29,357,055	43,027,511	*	*
2200 COTTONSEED	47	20.3	2,198,469	2,567,035	*	*
2300 SOYBEANS	1110	344.7	23,991,390	49,618,527	*	*
2400 PEANUTS	231	83.4	5,367,493	11,189,462	*	*
2500 OTHER OILSEED CROPS	192	48.4	2,823,309	6,301,257	*	*
2600 TOBACCO	208	93.8	6,601,939	14,056,283	*	*
2700 SUGAR CROPS	248	102.9	9,444,395	14,333,509	*	*
2800 MISC NEW CROPS	230	71.4	6,160,722	9,828,180	*	*
2900 POULTRY	813	314.2	22,195,198	49,119,541	*	*
3000 BEEF CATTLE	1601	608.3	48,862,413	114,623,292	*	*
3100 DAIRY CATTLE	1284	420.9	35,783,002	82,644,264	*	*
3200 SWINE	763	246.5	28,084,603	53,928,846	*	*
3300 SHEEP AND WOOL	459	117.2	10,544,550	20,476,673	*	*
3400 OTHER ANIMALS	408	111.5	5,746,295	16,679,845	*	*
3500 BEES AND HONEY	70	42.1	3,814,230	5,119,464	*	*
3600 FARM SUPP & FACILITS	111	36.4	1,642,986	5,132,706	*	*
3700 CLOTHING & TEXTILES	70	21.4	729,577	1,939,695	*	*
3800 FOOD	599	240.8	18,866,902	35,106,162	*	*
3900 HOUSING & EQUIP	241	78.5	3,899,489	9,584,993	*	*
4000 PEOPLE AS INDIVIDUALS	650	235.7	19,439,813	32,168,411	*	*
4100 FAMILY MEMBERS	254	87.7	14,926,568	20,218,081	*	*
4200 FARM AS BUSINESS	231	74.6	1,448,572	6,508,449	*	*
4300 SOC POLIT ORGANIZ	358	129.8	5,377,584	12,257,223	*	*
4400 AGRIC ECONOMY U S	184	111.5	9,862,176	13,948,515	*	*
4500 AGRIC ECONOMY FORGN	121	119.3	8,757,459	9,691,658	*	*
4600 FARM COOPERATIVES	44	28.8	2,377,904	2,767,751	*	*
4700 OTH MARKET PROCESS	37	8.2	154,745	861,248	*	*
4800 MARKETING SYSTEMS	120	50.3	2,462,046	4,475,649	*	*
6100 WEEDS	137	43.7	4,575,623	6,243,407	*	*
6200 SEED RESEARCH	75	38.0	2,396,434	5,245,148	*	*
6300 BIO CELL SYSTEMS	305	128.2	3,929,530	19,949,182	*	*
6400 EXP DESIGN/STAT METHOD	83	33.7	922,716	4,846,468	*	*
6500 INVERTEBRATES	402	237.7	19,029,503	30,548,987	*	*
6600 MICROORGANISMS VIRUSES	435	125.2	11,639,680	21,518,967	*	*
6700 PLANTS	1173	503.7	45,488,014	75,623,768	*	*
6800 ANIMALS(VERTEBRATES)	453	179.0	8,954,215	30,515,942	*	*
6900 RESEARCH ON RSCH MGMT	45	30.2	1,134,491	6,298,633	*	*
7000 RSCH EQUIP & TECHNOLOGY	140	40.2	1,708,855	5,620,109	*	*
9900 UNCLASSIFIED	3	1.0	228,129	232,929	*	*
TOTAL		10945.3	805,966,733	1,603,218,012	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 100						
101 APPRAIS OF SOIL RESOR	208	78.8	1,800,369	9,374,527	*	*
102 SOIL PLNT WTR NUTRI	867	336.8	21,658,363	46,548,310	*	*
103 MGMT OF SALINE SOILS	77	32.2	3,272,010	5,155,393	*	*
104 ALTERN USE OF LAND	198	71.4	3,203,786	7,290,044	*	*
105 CONSERV USE OF WATER	443	176.6	14,655,355	24,582,478	*	*
106 DRAIN AND IRRIGATION	199	78.3	6,427,237	10,847,007	*	*
107 WATERSHED PROT & MGMT	312	213.4	24,811,789	31,567,113	*	*
108 ECON LEG PROB OF WAT	62	50.6	2,967,796	4,649,263	*	*
109 WEATHER ADAPT & MOD	159	56.1	2,486,673	8,492,741	*	*
110 APPRAIS FORST & RANGS	146	93.7	11,668,446	15,254,587	*	*
111 BIOL CULT MGMT FORSTS	337	250.9	22,402,875	33,921,514	*	*
112 IMPROV RANGE RESOR	236	102.9	7,147,127	13,475,132	*	*
113 REMOTE SENSING	57	23.5	2,257,606	3,632,159	*	*
114 RSCH ON MGMT OF RSCH	44	26.5	1,134,491	5,958,209	*	*
SUBTOTAL		1591.9	125,893,922	220,748,478	*	*
SERIES 200						
201 CNTRL FORST INSECTS	166	117.6	13,668,992	17,561,061	*	*
202 CONTROL FOREST DIS	137	83.2	10,142,330	13,204,108	*	*
203 FOREST FIRE PROTECT	29	64.1	8,108,667	8,920,115	*	*
204 CNTR PESTS FRT & VEGS	558	196.1	14,407,162	29,604,178	*	*
205 CNTR DISE FRT & VEG	919	287.9	16,046,242	40,235,400	*	*
206 CNTR WEEDS FRT & VEG	227	55.2	3,362,746	7,676,852	*	*
207 CNTR PESTS FLD CRCPS	808	350.8	28,181,440	47,141,755	*	*
208 CNTR DIS FIELD CRCPS	996	333.7	23,341,842	45,865,020	*	*
209 CNTR WEEDS FLD CRCPS	471	177.3	12,325,830	25,705,136	*	*
210 CONTR PESTS ANIMALS	189	89.5	8,941,650	12,068,279	*	*
211 CONTR DIS ANIMALS	982	413.3	50,961,556	78,835,659	*	*
212 CNTR INTER PARASITES	147	58.5	6,995,589	10,443,891	*	*
213 PROT ANMLS FROM TCXINS	171	65.6	5,248,022	9,921,329	*	*
214 PROTECT FROM POLLUTION	235	74.1	5,895,104	12,744,575	*	*
SUBTOTAL		2367.0	207,627,170	359,927,359	*	*
SERIES 300						
301 GENET BREED FORST TRE	111	74.2	5,422,442	10,474,338	*	*
302 IMP FOREST ENG SYS	32	28.7	2,571,040	3,948,656	*	*
303 ECON TIMBER PRODUCTN	53	31.0	1,904,639	3,580,949	*	*
304 IMP BIO EFF FRT & VEGS	1159	390.1	18,761,042	56,499,731	*	*
305 MECH PRCD FRT & VEGS	146	41.2	2,613,904	5,358,555	*	*
306 PROD MGMT SYS F & V	126	20.6	587,500	2,963,790	*	*
307 IMP BIO EFF FLD CRP	1815	779.1	42,150,679	119,141,202	*	*
308 MECH PROD FIELD CROPS	144	61.7	5,550,005	8,985,730	*	*
309 PROD MGMT SYS FLD CRP	378	88.3	3,212,730	13,585,138	*	*
310 ANIMAL REPRODUCTICN	544	215.2	15,762,789	43,260,655	*	*
311 IMP BIO EFF ANML PR	1307	553.0	34,517,700	125,109,484	*	*
312 ENV STRESS IN ANML PR	205	55.1	2,981,437	9,306,488	*	*
313 PROD MGMT SYS ANML PR	334	77.8	3,286,494	14,272,476	*	*
314 BEES OTH POLLNTNG INS	70	42.1	3,814,230	5,119,464	*	*
315 IMP STRUC FARM SUPP	159	46.8	1,339,935	7,264,322	*	*
316 FARM BUSINESS MGMT	177	58.1	1,013,889	4,903,167	*	*
317 MECH/STRUCTS ANML PRD	70	20.2	877,841	3,010,532	*	*
318 NCN COM BIO TECH/EIMET	1573	726.2	54,697,500	110,475,553	*	*
SUBTOTAL		3309.4	201,065,795	547,256,231	*	*
SERIES 400						
401 NEW IMP FOREST PRCD	156	167.9	16,737,147	23,737,213	*	*
402 PROD F & V IMP ACCEPT	314	68.0	3,661,989	10,103,731	*	*
403 NEW & IMP F & V PROD	228	105.0	6,434,500	12,091,975	*	*
404 MKT QUAL FRTS & VEGS	252	115.3	9,347,804	14,224,842	*	*
405 PROD FLD CROP IMP ACPT	391	156.9	12,257,595	23,043,797	*	*
406 NEW IMP FOOD FLD CROP	169	118.2	9,971,789	13,753,971	*	*
407 NEW IMP NON FOOD PC	176	118.8	10,481,265	14,475,922	*	*
408 MKT QUAL FIELD CRCPS	153	67.6	5,757,888	7,827,949	*	*
409 PROD ANML PR IMP ACCP	159	46.9	3,555,266	8,315,783	*	*
410 IMP MEAT MILK EGG PR	269	111.9	6,020,230	14,353,149	*	*
411 IMP NON FOOD ANML PR	35	19.3	2,402,461	2,818,794	*	*
412 MKT QUAL ANIMAL PROD	120	36.0	1,971,559	4,937,514	*	*
SUBTOTAL		1131.8	88,599,495	149,684,640	*	*
SERIES 500						
501 IMP GRADES & STANDS	78	28.4	2,678,038	4,183,251	*	*
502 MKTG TIMBER PRODUCTS	39	19.8	1,553,382	2,345,992	*	*
503 MKTG EFF AGRI PROTS	212	82.3	4,203,222	7,770,765	*	*
506 SPLY DEMAND AND PRIC	227	125.7	7,314,340	11,403,288	*	*
507 COMP REL IN AGRIC	66	15.9	553,280	1,644,708	*	*
508 DOMESTIC MKT DEVELP	33	8.5	289,078	842,037	*	*
509 PERFORMANCE MKTG SYS	188	113.3	6,343,425	9,870,706	*	*
510 GROUP ACT MKT POWER	24	10.7	929,999	1,178,327	*	*
511 IMP AGRIC STATISTICS	31	13.2	773,571	2,654,238	*	*
512 IMP GRADES FRST PROD	13	9.7	845,811	1,105,942	*	*
513 PRICE ANAL FRST PROD	23	10.7	797,503	1,199,706	*	*
SUBTOTAL		438.2	26,281,649	44,198,961	*	*
SERIES 600						
601 FGN MKT DEVELP	145	124.9	9,390,112	10,813,638	*	*
602 EVAL FGN FOOD AID PGM	4	0.3	7,270	28,437	*	*
603 TECH AID DEV CRTY	69	30.9	574,380	2,418,231	*	*
604 PRD DVLPMT/MKTG FFGN	30	26.0	2,571,249	2,863,256	*	*
SUBTOTAL		182.1	12,543,011	16,123,563	*	*
SERIES 700						
701 TOX RES IN FOOD	204	89.9	8,662,549	12,401,529	*	*
702 FOOD PROT FROM TOX	270	161.6	14,019,521	21,968,666	*	*
703 FOOD CONSUMP HABITS	128	37.8	1,385,910	4,558,137	*	*
704 HOME CONM FOOD SERV	52	13.7	399,031	1,423,030	*	*
705 SEL CARE CLOTH & TEXTL	60	16.0	500,282	1,468,815	*	*
706 CONTR INSECTS AFF MAN	156	66.9	4,312,783	8,351,940	*	*
707 TRANS ANIML MAN DIS	22	6.4	64,447	1,114,404	*	*
708 HUMAN NUTRITION	519	211.1	36,762,357	47,958,805	*	*
709 REDUCE HAZ HLTH & SFTY	119	77.6	9,878,112	10,236,181	*	*
SUBTOTAL		680.9	75,984,993	109,481,506	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF EPOJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 800						
801 RURAL HOUSING	68	26.6	1,783,283	2,745,838	*	*
802 INDIV & FAM DEC MAKING	180	49.5	1,382,969	4,819,232	*	*
803 RURAL POVERTY	25	4.2	146,882	310,535	*	*
804 ECON POTENT RURL PEO	80	27.0	1,490,420	2,573,935	*	*
805 COMMUNICAT EDUC PROC	117	34.7	455,422	3,486,539	*	*
806 ADJUSTMENT TO CHANGE	167	67.4	2,796,317	6,732,236	*	*
807 AGRIC ECONOMIC CHANGE	172	86.5	7,612,958	11,603,097	*	*
808 GOV T PROGRAMS	52	20.3	1,038,194	2,050,772	*	*
SUBTOTAL		316.2	16,706,445	34,322,185	*	*
SERIES 900						
901 ALLEV POLLUTION	560	240.5	15,024,039	32,997,564	*	*
902 OUTDOOR RECREATION	117	54.0	3,036,693	6,305,030	*	*
903 MULTI USE FOREST POTEN	98	58.2	6,005,484	6,938,603	*	*
904 WLDLFE AND FISH ECOL	519	199.2	9,639,915	30,305,753	*	*
905 TREES BEAUTIFICATION	97	33.2	3,687,938	5,786,855	*	*
906 ORNAMENT & TURF DEV	642	239.3	8,899,905	29,239,620	*	*
907 RURAL INCOME IMP	104	42.5	2,352,305	4,062,475	*	*
908 RURAL INSTITUT IMP	197	60.0	2,389,839	5,610,259	*	*
990 UNCLASSIFIED	3	1.0	228,129	232,929	*	*
SUBTOTAL		927.8	51,264,246	121,475,088	*	*
SCIENCE IN SERV OF MAN						
GRAND TOTAL		10945.3	805,966,727	1,603,218,010	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	288	175.0	25,401,841	26,396,903	1.6	2,121,106
0200 WATER	244	162.4	22,641,372	23,520,961	0.4	1,110,107
0300 WATERSHEDS RIVER BAS	116	150.6	19,399,892	20,659,138	1.2	366,966
0400 AIR AND CLIMATE	24	13.7	1,915,430	2,144,784	0.0	86,220
0500 RECREATION RESOURCES	14	26.7	3,322,400	3,532,340	0.0	0
0600 TIMBER FORST PRODUCT	204	649.9	93,059,430	99,112,908	0.0	1,304,396
0700 RANGE	103	78.5	11,772,872	12,139,108	0.6	1,118,768
0800 WILDLIFE AND FISH	60	61.2	9,110,245	9,873,250	0.0	991,479
0900 CITRUS SUB TROP FRUT	93	77.2	10,983,786	11,219,084	0.2	597,331
1000 FRUIT NUTS DECIDUOUS	196	108.6	18,729,817	18,886,518	1.1	2,970,001
1100 POTATOES	70	33.3	5,292,744	5,403,397	1.1	910,686
1200 VEGETABLES	330	123.6	20,497,644	20,655,440	1.8	2,903,091
1300 ORNAMENTALS TURF	74	29.8	5,681,984	5,771,498	0.0	186,930
1400 CORN	207	104.9	14,176,714	14,363,817	0.6	1,335,909
1500 GRAIN SORGHUM	79	24.7	3,113,168	3,115,937	0.2	89,536
1600 RICE	48	23.8	2,811,142	2,851,592	0.0	249,614
1700 WHEAT	194	106.6	14,806,394	14,983,194	0.1	1,552,169
1800 OTHER SMALL GRAINS	98	37.0	4,954,871	5,002,787	0.0	321,224
1900 PASTURE	42	9.7	1,540,666	1,556,519	0.0	216,906
2000 FORAGE CROPS	215	105.4	16,498,708	16,702,388	4.1	2,265,218
2100 COTTON	179	176.4	26,760,647	26,887,890	1.5	1,823,942
2200 COTTONSEED	31	17.1	2,132,977	2,140,813	0.0	89,270
2300 SOYBEANS	208	127.1	18,466,259	18,937,559	1.8	2,764,410
2400 PEANUTS	71	41.0	4,772,025	4,787,478	0.3	118,833
2500 OTHER OILSEED CROPS	44	18.8	2,287,648	2,288,351	0.0	185,908
2600 TOBACCO	44	34.9	5,421,125	5,427,084	0.0	742,218
2700 SUGAR CROPS	88	55.4	8,446,525	8,630,623	0.3	309,237
2800 MISC NEW CROPS	64	30.7	4,914,145	5,037,388	0.2	823,402
2900 POULTRY	123	84.0	14,712,817	14,813,895	0.2	1,351,063
3000 BEEF CATTLE	308	187.7	35,039,619	35,367,282	3.9	4,537,642
3100 DAIRY CATTLE	222	119.5	25,015,020	25,230,113	2.6	2,462,491
3200 SWINE	171	88.7	21,731,889	21,982,331	0.7	2,002,022
3300 SHEEP AND WOOL	127	39.4	8,263,473	8,335,895	0.0	962,693
3400 OTHER ANIMALS	49	13.9	3,613,574	3,618,843	0.1	698,221
3500 BEES AND HONEY	32	27.6	3,550,501	3,555,258	0.8	209,018
3600 FARM SUPP & FACILITS	9	12.0	1,173,741	1,173,741	0.0	16,921
3700 CLOTHING & TEXTILES	6	2.7	283,757	333,812	0.0	27,562
3800 FOOD	102	80.8	14,819,841	15,091,425	0.2	2,127,922
3900 HOUSING & EQUIP	25	19.1	2,686,873	2,997,048	0.1	208,886
4000 PEOPLE AS INDIVIDUALS	98	83.9	16,422,815	17,149,582	4.5	3,290,584
4100 FAMILY MEMBERS	26	20.4	13,498,297	13,498,297	0.0	15,053
4300 SOC POLIT ORGANIZ	19	25.0	2,339,298	2,363,998	0.0	216,865
4400 AGRIC ECONOMY U S	41	67.8	8,950,484	8,973,484	0.0	60,407
4500 AGRIC ECONOMY FORGN	90	107.9	8,633,424	8,667,977	0.0	0
4600 FARM COOPERATIVES	12	22.7	2,260,914	2,260,914	0.0	0
4800 MARKETING SYSTEMS	17	19.4	1,642,646	1,642,646	0.0	15,102
6100 WEEDS	66	28.3	4,239,324	4,318,046	0.0	308,488
6200 SEED RESEARCH	21	13.1	2,154,206	2,187,737	0.0	208,468
6300 BIO CELL SYSTEMS	20	14.1	2,201,714	2,205,899	0.0	267,721
6400 EXP DESIGN/STAT METHOD	2	4.5	686,496	686,496	0.0	20,000
6500 INVERTEBRATES	117	127.4	17,298,819	17,705,999	1.1	1,421,449
6600 MICROORGANISMS VIRUSES	127	31.7	10,163,540	10,256,822	0.6	4,036,894
6700 PLANTS	373	239.5	41,411,800	42,458,537	3.3	7,506,437
6800 ANIMALS(VERTEBRATES)	77	44.5	6,826,572	6,932,288	1.4	839,921
6900 RESEARCH ON RSCH MGMT	3	0.0	707,146	707,146	0.0	707,146
7000 RSCH EQUIP & TECHNOLOGY	21	8.1	1,284,433	1,439,946	0.1	133,829
9900 UNCLASSIFIED	2	1.0	128,129	132,929	0.0	0
TOTAL		4139.2	650,657,636	668,117,136	38.8	61,207,697

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 100						
101 APPRAIS OF SOIL RESOR	11	2.8	536,058	746,058	0.0	115,711
102 SOIL PLNT WTR NUTRI	174	111.1	16,884,272	17,451,649	2.0	1,212,527
103 MGMT OF SALINE SOILS	15	15.5	3,014,894	3,136,413	0.0	427,250
104 ALTERN USE OF LAND	20	20.1	2,028,582	2,058,443	0.0	228,867
105 CONSERV USE OF WATER	134	98.4	13,265,713	13,756,617	0.0	826,411
106 DRAIN AND IRRIGATION	48	32.7	5,597,792	5,796,548	0.2	348,993
107 WATERSHED PROT & MGMT	152	162.5	23,672,179	25,252,443	1.2	779,768
108 ECON LEG PROB OF WAT	5	33.0	2,796,168	2,796,168	0.0	0
109 WEATHER ADAPT & MOD	20	7.4	1,502,982	1,508,960	0.0	366,576
110 APPRAIS FORST & RANGS	17	56.1	11,043,865	11,431,495	0.0	10,379
111 BIOL CULT MGMT FORSTS	54	164.6	19,867,735	21,834,457	0.0	0
112 IMPROV RANGE RESOR	64	48.3	6,413,507	6,627,585	0.6	651,330
113 REMOTE SENSING	15	13.4	2,126,935	2,279,846	0.0	164,666
114 RSCH ON MGMT OF RSCH	3	0.0	707,146	707,146	0.0	707,146
SUBTOTAL		757.9	109,457,835	115,383,829	4.3	5,839,626
SERIES 200						
201 CNTRL FORST INSECTS	43	83.7	12,705,261	13,165,459	0.0	111,613
202 CONTROL FOREST DIS	25	58.3	9,167,174	9,595,519	0.0	1,514
203 FOREST FIRE PROTECT	17	61.7	8,050,300	8,726,940	0.0	0
204 CNTP PESTS FRT & VEGS	139	74.8	12,185,131	12,294,668	1.6	1,180,614
205 CNTR DISE FRT & VEG	193	60.6	11,705,043	11,860,707	1.3	2,082,487
206 CNTR WEEDS FRT & VEG	60	11.8	2,488,438	2,488,538	0.5	839,974
207 CNTR PESTS FLD CROPS	229	155.6	23,295,588	23,376,373	1.5	2,430,080
208 CNTP DIS FIELD CROPS	255	118.3	18,435,190	18,559,373	1.9	2,804,740
209 CNTR WEEDS FLD CROPS	137	69.1	9,993,329	10,055,823	0.3	901,011
210 CONTR PESTS ANIMALS	50	56.9	7,988,315	8,066,356	1.4	863,258
211 CONTR DIS ANIMALS	227	134.6	42,926,497	43,258,042	3.5	7,589,689
212 CNTP INTER PARASITES	40	30.0	6,210,641	6,350,673	0.4	681,274
213 PROT ANMLS FROM TOXINS	38	26.2	4,317,320	4,328,250	1.5	577,091
214 PROTECT FROM POLLUTION	37	27.0	4,824,877	5,236,950	0.0	1,145,352
SUBTOTAL		964.8	174,333,104	177,363,672	14.5	21,208,740
SERIES 300						
301 GENET BREED FORST TRE	14	38.8	4,331,400	5,547,530	0.0	0
302 IMP FOREST ENG SYS	5	18.7	2,385,000	2,537,600	0.0	0
303 ECON TIMBER PRODUCTN	6	15.2	1,542,050	1,608,205	0.0	0
304 IMP BIO EFF FRT & VEGS	140	58.6	12,103,961	12,360,084	0.6	2,273,125
305 MECH PROD FRT & VEGS	33	10.4	1,812,502	1,838,520	0.0	355,345
306 PROD MGMT SYS F & V	5	0.2	126,108	126,108	0.0	42,712
307 IMP BIO EFF FLD CRP	342	176.9	30,092,623	30,753,485	1.9	4,159,743
308 MECH PROD FIELD CROPS	52	35.4	4,894,706	4,901,551	0.5	169,143
309 PROD MGMT SYS FLD CRP	29	7.7	1,279,162	1,279,162	0.0	283,564
310 ANIMAL REPRODUCTION	70	43.3	9,117,341	9,163,089	0.0	1,261,108
311 IMP BIC EFF ANML PR	139	91.8	19,034,553	19,102,944	1.3	907,188
312 ENV STRESS IN ANML PR	20	8.5	1,490,278	1,490,278	0.0	76,448
313 PROD MGMT SYS ANML PR	19	9.7	1,233,125	1,269,425	0.0	192,092
314 BEES OTH POLLNTNG INS	32	27.6	3,550,501	3,555,258	0.8	209,018
315 IMP STRUC FARM SUPP	9	3.4	535,773	618,672	0.0	0
317 MECH/STRUCTS ANML PRD	6	2.8	509,324	612,694	0.0	53,164
318 NCN COM BIO TECH/EINET	402	267.2	48,296,219	49,074,249	4.2	9,236,637
SUBTOTAL		816.1	142,334,626	145,838,855	9.8	19,219,290
SERIES 400						
401 NEW IMP FOREST PRCD	28	99.8	15,436,570	15,631,941	0.0	48,000
402 PROD F & V IMP ACCEPT	51	15.1	2,755,052	2,781,106	0.0	506,103
403 NEW & IMP F & V PROD	34	48.3	5,170,468	5,208,615	0.0	111,645
404 MKT QUAL FRTS & VEGS	87	61.8	7,848,347	7,963,459	0.0	135,923
405 PROD FID CROP IMP ACPT	122	77.0	10,384,938	10,477,966	1.9	719,131
406 NEW IMP FOOD FLD CROP	48	83.1	9,107,553	9,207,446	0.5	117,225
407 NEW IMP NON FOOD FC	60	85.6	9,917,368	9,921,043	0.5	389,279
408 MKT QUAL FIELD CROPS	61	48.0	5,205,739	5,340,984	0.5	114,538
409 PROD ANML PR IMP ACCP	15	12.3	1,971,627	2,004,340	0.0	11,381
410 IMP MEAT MILK EGG PR	15	30.2	3,556,445	3,561,660	0.1	16,284
411 IMP NON FOOD ANML PR	10	13.5	2,244,552	2,244,592	0.0	161,406
412 MKT QUAL ANIMAL PROD	16	8.3	1,101,762	1,128,762	0.0	67,825
SUBTOTAL		579.0	74,702,462	75,471,915	3.9	2,398,741
SERIES 500						
501 IMP GRADES & STANDS	31	15.6	2,281,364	2,436,407	0.5	126,561
502 MKTG TIMBER PRODUCTS	7	12.1	1,383,184	1,426,143	0.0	0
503 MKTG EFF AGRI PRODS	34	28.4	2,817,465	2,828,569	0.1	28,368
506 SPLY DEMAND AND PRIC	46	71.0	5,734,278	5,982,828	0.0	127,087
507 COMP REL IN AGRIC	4	1.5	164,055	164,055	0.0	30,203
508 DOMESTIC MKT DEVELP	2	2.0	172,265	172,265	0.0	0
509 PERFORMANCE MKTG SYS	37	52.8	4,793,165	4,793,165	0.0	45,305
510 GROUP ACT MKT POWER	4	7.6	848,238	848,238	0.0	15,102
511 IMP AGRIC STATISTICS	1	4.5	666,496	666,496	0.0	0
512 IMP GRADES FRST PROD	2	6.8	767,400	816,700	0.0	0
513 PRICE ANAL FRST PROD	3	5.0	712,900	751,310	0.0	0
SUBTOTAL		207.4	20,340,810	20,886,175	0.7	372,626
SERIES 600						
601 FGN MKT DEVELP	90	109.9	8,921,207	9,021,660	0.0	0
603 TECH AID DEV CRTY	13	0.8	555,462	555,462	0.0	17,408
604 PRD DVLPMT/MKTG FFGN	15	24.4	2,549,599	2,661,655	0.0	0
SUBTOTAL		135.1	12,026,268	12,238,777	0.0	17,408
SERIES 700						
701 TOX RES IN FOOD	68	34.0	7,363,006	7,392,300	0.0	2,437,030
702 FOOD PROT FROM TOX	93	97.7	12,385,321	12,544,903	0.2	599,580
703 FOOD CONSUMP HABITS	7	5.7	629,578	757,136	0.0	33,504
704 HOME COMM FOOD SERV	1	0.2	21,328	21,328	0.0	0
705 SEL CARE CLOTH & TEXTL	5	1.8	203,484	253,539	0.0	27,562
706 CONTR INSECTS AFF MAN	31	24.6	3,567,042	3,745,862	1.5	400,881
708 HUMAN NUTRITION	143	93.9	34,154,579	34,801,331	3.1	4,484,646
709 REDUCE HAZ HLTH & SFTY	63	64.8	9,606,963	9,778,340	0.0	1,033,874
SUBTOTAL		322.8	67,931,302	69,294,741	5.1	9,017,077

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 800						
801 RURAL HOUSING	6	13.1	1,443,303	1,534,941	0.0	55,794
802 INDIV & FAM DEC MAKING	5	6.1	424,217	424,217	0.0	15,053
803 RURAL POVERTY	1	0.0	15,053	15,053	0.0	15,053
804 ECON POTENT RURL PRO	5	10.1	1,183,660	1,183,660	0.0	0
805 COMMUNICAT EDUC PROC	3	2.2	139,812	139,812	0.0	34,750
806 ADJUSTMENT TO CHANGE	6	13.9	1,515,265	1,515,265	0.0	15,053
807 AGRIC ECONOMIC CHANGE	24	36.8	6,566,653	6,589,653	0.0	60,407
808 GOV T PROGRAMS	5	10.0	850,736	850,736	0.0	0
SUBTOTAL		92.3	12,138,700	12,253,338	0.0	196,110
SERIES 900						
901 ALLEV POLLUTION	95	97.1	11,643,698	12,427,980	0.3	484,960
902 OUTDOOR RECREATION	11	21.3	2,318,200	2,490,290	0.0	0
903 MULTI USE FOREST POTEN	17	33.7	5,581,302	5,950,362	0.0	1,161,672
904 WLDLFE AND FISH ECOL	44	46.1	7,327,974	7,868,784	0.0	919,513
905 TREES BEAUTIFICATION	19	13.5	3,379,910	3,388,380	0.0	2,882
906 ORNAMENT & TURF DEV	64	28.3	4,813,826	4,902,917	0.0	186,930
907 RURAL INCOME IMP	7	12.7	1,245,372	1,245,372	0.0	69,215
908 RURAL INSTITUT IMP	12	10.1	954,113	978,813	0.0	112,900
990 UNCLASSIFIED	2	1.0	128,129	132,929	0.0	0
SUBTOTAL		263.8	37,392,524	39,385,827	0.4	2,938,072
SCIENCE IN SERV OF MAN						
GRAND TOTAL		4139.2	650,657,630	668,117,130	38.8	61,207,693

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- AGRICULTURAL COOPERATIVE SERVICE ACS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0600 TIMBER FORST PRODUCT	1	0.0	[illegible]	10,714	0.0	0
0800 WILDLIFE AND FISH	1	0.0	10,714	10,714	0.0	0
4600 FARM COOPERATIVES	10	21.2	2,146,982	2,146,982	0.0	0
TOTAL		21.3	2,168,409	2,168,409	0.0	0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- AGRICULTURAL COOPERATIVE SERVICE ACS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 500						
502 MKTG TIMBER PRODUCTS	1	0.0	10,714	10,714	0.0	0
503 MKTG EFF AGRI PROIS	1	0.3	85,709	85,709	0.0	0
508 DOMESTIC MKT DEVELP	1	0.0	10,714	10,714	0.0	0
509 PERFORMANCE MKTG SYS	6	13.3	1,228,137	1,228,137	0.0	0
510 GROUP ACT MKT POWER	3	7.6	833,136	833,136	0.0	0
SUBTOTAL		21.3	2,168,409	2,168,409	0.0	0
SCIENCE IN SERV OF MAN						
GRAND TOTAL		21.3	2,168,409	2,168,409	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- AGRICULTURAL RESEARCH SERVICE ARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	251	142.8	20,946,559	21,875,412	1.6	1,033,025
0200 WATER	217	122.9	18,523,925	19,344,764	0.4	879,614
0300 WATERSHEDS RIVER BAS	87	58.9	8,146,172	8,636,927	1.2	323,301
0400 AIR AND CLIMATE	16	7.6	934,510	1,007,074	0.0	0
0600 TIMBER FORST PRODUCT	29	16.3	3,334,519	3,347,763	0.0	87,618
0700 RANGE	72	50.9	6,832,718	7,002,540	0.6	225,594
0800 WILDLIFE AND FISH	16	9.0	1,001,926	1,144,099	0.0	113,490
0900 CITRUS SUB TROP FRUT	72	75.5	10,389,306	10,624,604	0.2	189,406
1000 FRUIT NUTS DECIDUCUS	177	106.8	16,339,279	16,495,980	1.1	774,777
1100 POTATOES	56	31.4	4,601,338	4,711,991	1.1	323,662
1200 VEGETABLES	268	119.7	17,848,293	18,006,088	1.8	977,242
1300 ORNAMENTALS TURF	70	29.8	5,625,237	5,714,751	0.0	130,183
1400 CORN	179	101.2	13,040,291	13,202,538	0.6	572,280
1500 GRAIN SORGHUM	68	21.8	2,881,483	2,884,253	0.2	89,536
1600 RICE	34	19.8	2,485,557	2,501,152	0.0	204,972
1700 WHEAT	169	102.8	13,668,449	13,820,393	0.1	683,485
1800 OTHER SMALL GRAINS	88	34.7	4,700,199	4,748,115	0.0	260,167
1900 PASTURE	34	9.6	1,447,711	1,463,564	0.0	130,091
2000 FORAGE CROPS	200	104.8	15,391,090	15,569,915	4.1	1,173,156
2100 COTTON	164	172.0	25,616,996	25,719,384	1.5	1,004,267
2200 COTTONSEED	29	16.8	2,111,828	2,119,664	0.0	89,270
2300 SOYBEANS	175	122.8	15,781,386	16,227,831	1.8	559,175
2400 PEANUTS	64	39.3	4,614,108	4,629,560	0.3	86,800
2500 OTHER OILSEED CROPS	40	18.0	2,150,598	2,151,301	0.0	106,302
2600 TOBACCO	40	33.7	5,307,208	5,313,167	0.0	718,218
2700 SUGAR CROPS	76	51.6	7,944,794	8,104,037	0.3	233,955
2800 MISC NEW CROPS	54	30.7	4,262,179	4,385,422	0.2	171,436
2900 POULTRY	103	80.8	13,384,812	13,485,890	0.2	470,213
3000 BEEF CATTLE	258	179.5	31,247,823	31,521,591	3.9	1,513,300
3100 DAIRY CATTLE	179	105.0	22,204,931	22,395,169	2.6	978,199
3200 SWINE	142	84.2	19,998,855	20,224,442	0.7	703,931
3300 SHEEP AND WOOL	116	38.6	7,894,170	7,959,331	0.0	671,243
3400 OTHER ANIMALS	40	13.9	3,119,996	3,125,265	0.1	216,401
3500 BEES AND HONEY	32	27.6	3,550,501	3,555,258	0.8	209,018
3600 FARM SUPP & FACILITS	2	1.4	242,105	242,105	0.0	0
3700 CLOTHING & TEXTILES	5	2.1	237,366	287,421	0.0	27,562
3800 FOOD	64	69.2	11,465,150	11,736,734	0.2	346,237
3900 HOUSING & EQUIP	22	10.0	1,518,582	1,811,018	0.1	180,596
4000 PEOPLE AS INDIVIDUALS	88	66.5	14,543,611	15,270,378	4.5	3,161,287
4100 FAMILY MEMBERS	18	8.2	12,062,170	12,062,170	0.0	0
4300 SOC POLIT ORGANIZ	2	0.0	1,476	1,476	0.0	1,475
4500 AGRIC ECONOMY FORGN	1	0.0	13,217	13,217	0.0	0
4800 MARKETING SYSTEMS	1	0.4	82,988	82,988	0.0	0
6100 WEEDS	55	28.3	3,990,513	4,069,234	0.0	59,677
6200 SEED RESEARCH	20	13.1	2,135,506	2,173,037	0.0	193,768
6300 BIO CELL SYSTEMS	16	14.1	1,917,490	1,921,676	0.0	53,498
6500 INVERTEBRATES	102	127.4	16,561,585	16,968,765	1.1	928,115
6600 MICROORGANISMS VIRUSES	53	31.7	4,957,353	5,050,635	0.6	357,455
6700 PLANTS	231	226.2	31,090,186	32,136,923	3.3	1,324,703
6800 ANIMALS(VERTEBRATES)	45	41.4	6,021,100	6,126,816	1.4	447,332
6900 RESEARCH ON RSCH MGMT	1	0.0	652,146	652,146	0.0	652,146
7000 RSCH EQUIP & TECHNOLOGY	20	8.1	1,277,646	1,433,159	0.1	127,041
9900 UNCLASSIFIED	2	1.0	128,129	132,929	0.0	0
TOTAL		2830.4	446,231,064	455,192,061	- 38.8	23,764,234

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- AGRICULTURAL RESEARCH SERVICE ARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 100						
101 APPRAIS OF SOIL RESOR	8	2.8	453,513	663,513	0.0	33,165
102 SOIL PLNT WTR NUTRI	162	104.8	15,764,625	16,305,232	2.0	774,529
103 MGMT OF SALINE SOILS	12	15.5	2,819,055	2,940,574	0.0	231,411
104 ALTERN USE OF LAND	5	0.5	127,200	132,361	0.0	2,954
105 CONSERV USE OF WATER	118	66.8	10,506,232	10,946,436	0.0	661,288
106 DRAIN AND IRRIGATION	45	32.7	5,461,481	5,660,236	0.2	212,681
107 WATERSHED PROT & MGMT	120	92.0	13,634,729	14,373,968	1.2	425,258
108 ECON LEG PROB OF WAT	1	0.0	87,923	87,923	0.0	0
109 WEATHER ADAPT & MOD	16	7.4	1,150,555	1,156,533	0.0	14,149
110 APPRAIS FORST & RANGS	2	0.1	64,366	64,366	0.0	0
111 BIOL CULT MGMT FORSTS	2	0.3	67,565	67,565	0.0	0
112 IMPROV RANGE RESOR	48	30.2	3,797,573	3,948,687	0.6	149,876
113 REMOTE SENSING	13	13.4	2,012,425	2,165,332	0.0	50,151
114 RSCH ON MGMT OF RSCH	1	0.0	652,146	652,146	0.0	652,146
SUBTOTAL		366.5	56,599,388	59,164,871	4.3	3,207,610
SERIES 200						
201 CNTRL FORST INSECTS	14	4.7	823,457	828,654	0.0	110,099
204 CNTR PESTS FRT & VEGS	117	71.7	11,045,922	11,155,460	1.6	484,289
205 CNTR DISE FRT & VEG	152	59.1	9,973,795	10,129,459	1.3	639,180
206 CNTR WEEDS FRT & VEG	41	10.2	1,698,492	1,698,592	0.5	256,469
207 CNTR PESTS FLD CROPS	203	152.0	21,260,939	21,338,954	1.5	876,216
208 CNTR DIS FIELD CROPS	216	116.2	16,039,439	16,160,853	1.9	683,330
209 CNTR WEEDS FLD CROPS	115	67.6	9,165,893	9,228,386	0.3	280,016
210 CONTR PESTS ANIMALS	39	55.3	7,339,055	7,417,096	1.4	420,839
211 CONTR DIS ANIMALS	155	133.0	37,335,896	37,671,441	3.5	2,209,528
212 CNTR INTER PARASITES	34	30.0	5,827,280	5,967,312	0.4	297,913
213 PROT ANMLS FROM TOXINS	35	26.2	4,119,090	4,130,020	1.5	378,861
214 PROTECT FROM POLLUTION	24	18.6	2,508,823	2,883,396	0.0	16,738
SUBTOTAL		744.6	127,142,081	128,609,623	14.5	6,653,081
SERIES 300						
304 IMP BIO EFF FRT & VEGS	109	58.6	10,091,787	10,347,910	0.6	630,952
305 MECH PROD FRT & VEGS	31	10.4	1,791,495	1,817,513	0.0	334,338
306 PROD MGMT SYS F & V	3	0.2	83,395	83,395	0.0	0
307 IMP BIC EFF FLD CRP	305	176.9	27,692,233	28,353,095	1.9	2,029,353
308 MECH PROD FIELD CROPS	51	35.4	4,854,565	4,861,811	0.5	129,001
309 PROD MGMT SYS FLD CRP	21	7.7	1,071,902	1,071,902	0.0	76,303
310 ANIMAL REPRODUCTION	60	43.3	8,165,970	8,211,718	0.0	309,737
311 IMP BIO EFF ANML PR	133	91.8	18,797,075	18,865,466	1.3	669,710
312 ENV STRESS IN ANMI PR	20	8.5	1,490,278	1,490,278	0.0	76,448
313 PROD MGMT SYS ANML PR	14	3.6	668,421	668,421	0.0	124,328
314 BEES OTH POLLNTNG INS	32	27.6	3,550,501	3,555,258	0.8	209,018
315 IMP STRUC FARM SUPP	9	3.4	535,773	618,672	0.0	0
317 MECH/STRUCTS ANML PRD	6	2.8	509,324	612,694	0.0	53,164
318 NCN COM BIO TECH/PIMET	240	267.2	36,997,560	37,775,590	4.2	2,165,648
SUBTOTAL		737.4	116,300,281	118,333,324	9.8	6,808,003
SERIES 400						
402 PROD F & V IMP ACCEPT	43	15.1	2,267,902	2,293,956	0.0	18,953
403 NEW & IMP F & V PROD	32	48.3	5,103,457	5,141,604	0.0	44,634
404 MKT QUAL FRTS & VEGS	86	61.8	7,802,859	7,917,971	0.0	90,435
405 PROD FLD CROP IMP ACPT	121	77.0	10,341,678	10,434,706	1.9	675,871
406 NEW IMP FOOD FLD CROP	48	83.1	9,107,553	9,207,446	0.5	117,225
407 NEW IMP NON FOOD FC	58	85.6	9,804,368	9,808,043	0.5	276,279
408 MKT QUAL FIELD CROPS	61	44.0	5,205,739	5,340,985	0.5	114,538
409 PROD ANML PR IMP ACCP	15	12.3	1,971,627	2,004,340	0.0	11,381
410 IMP MEAT MILK EGG PR	15	30.2	3,558,445	3,561,660	0.1	16,284
411 IMP NON FOOD ANML PR	10	13.5	2,244,592	2,244,592	0.0	161,406
412 MKT QUAL ANIMAL PROD	16	8.3	1,101,762	1,128,762	0.0	67,825
SUBTOTAL		479.2	58,509,981	59,084,064	3.9	1,594,832
SERIES 500						
501 IMP GRADES & STANDS	30	15.5	2,252,300	2,407,343	0.5	126,561
503 MKTG EFF AGRI PRODS	26	15.0	1,640,073	1,651,176	0.1	28,368
509 PERFORMANCE MKTG SYS	1	0.5	80,215	80,215	0.0	0
SUBTOTAL		31.1	3,972,588	4,138,735	0.7	154,929
SERIES 600						
603 TECH AID DEV CRTY	11	0.8	538,054	538,054	0.0	0
604 PRD DVLPMT/MKTG PRGM	14	20.4	2,164,239	2,276,295	0.0	0
SUBTOTAL		21.1	2,702,293	2,814,349	0.0	0
SERIES 700						
701 TOX RES IN FOOD	27	34.0	5,020,581	5,049,876	0.0	94,606
702 FOOD PROT FROM TOX	91	97.4	11,954,796	12,114,378	0.2	227,845
703 FOOD CONSUMP HABITS	2	0.0	33,504	161,062	0.0	33,504
704 HOME COMM FOOD SERV	1	0.2	21,328	21,328	0.0	0
705 SEL CARE CLOTH & TEXTL	5	1.8	203,484	253,539	0.0	27,562
706 CONTR INSECTS AFF MAN	29	24.6	3,454,108	3,632,928	1.5	287,947
708 HUMAN NUTRITION	120	93.9	32,216,809	32,863,561	3.1	3,119,876
709 REDUCE HAZ HLTH & SFTY	62	64.8	9,598,474	9,769,851	0.0	1,025,385
SUBTOTAL		316.8	62,503,085	63,866,524	5.1	4,816,725
SERIES 800						
801 RURAL HOUSING	3	4.1	560,194	637,932	0.0	55,794
802 INDIV & FAM DEC MAKING	4	6.1	409,164	409,164	0.0	0
SUBTOTAL		10.2	969,358	1,047,096	0.0	55,794
SERIES 900						
901 ALLEV POLLUTION	77	79.4	9,018,691	9,406,608	0.3	283,253
904 WLDLFE AND FISH ECOL	11	2.3	430,225	541,412	0.0	55,464
905 TREES BEAUTIFICATION	18	12.5	3,196,410	3,204,880	0.0	2,882
906 ORNAMENT & TURF DEV	60	28.3	4,757,079	4,846,170	0.0	130,183
907 RURAL INCOME IMP	2	0.0	1,476	1,476	0.0	1,475
990 UNCLASSIFIED	2	1.0	128,129	132,929	0.0	0
SUBTOTAL		123.5	17,532,009	18,133,474	0.4	473,257
SCIENCE IN SERV OF MAN GRAND TOTAL		2830.4	446,231,064	455,192,061	38.8	23,764,234

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- COOPERATIVE STATE RESEARCH SERVICE CSRS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	20	0.0	1,088,081	1,088,081	0.0	1,088,081
0200 WATER	8	0.0	213,493	213,493	0.0	213,493
0300 WATERSHEDS RIVER BAS	2	0.0	43,665	43,665	0.0	43,665
0400 AIR AND CLIMATE	3	0.0	86,220	86,220	0.0	86,220
0600 TIMBER FORST PRODUCT	4	0.0	1,216,778	1,216,778	0.0	1,216,778
0700 RANGE	11	0.0	893,174	893,174	0.0	893,174
0800 WILDLIFE AND FISH	13	0.0	877,989	877,989	0.0	877,989
0900 CITRUS SUB TROP FRUT	15	0.0	407,925	407,925	0.0	407,925
1000 FRUIT NUTS DECIDUOUS	10	0.0	2,005,224	2,005,224	0.0	2,005,224
1100 POTATOES	10	0.0	352,024	352,024	0.0	352,024
1200 VEGETABLES	45	0.0	1,598,849	1,598,849	0.0	1,598,849
1300 ORNAMENTALS TURF	4	0.0	56,747	56,747	0.0	56,747
1400 CORN	9	0.0	254,129	254,129	0.0	254,129
1600 RICE	4	0.0	44,642	44,642	0.0	44,642
1700 WHEAT	12	0.0	688,684	688,684	0.0	688,684
1800 OTHER SMALL GRAINS	1	0.0	1,057	1,057	0.0	1,057
1900 PASTURE	7	0.0	86,815	86,815	0.0	86,815
2000 FORAGE CROPS	11	0.0	917,062	917,062	0.0	917,062
2100 COTTON	3	0.0	642,175	642,175	0.0	642,175
2300 SOYBEANS	13	0.0	1,750,235	1,750,235	0.0	1,750,235
2400 PEANUTS	1	0.0	7,033	7,033	0.0	7,033
2500 OTHER OILSEED CROPS	2	0.0	79,606	79,606	0.0	79,606
2600 TOBACCO	1	0.0	24,000	24,000	0.0	24,000
2700 SUGAR CROPS	5	0.0	75,282	75,282	0.0	75,282
2800 MISC NEW CROPS	10	0.0	651,966	651,966	0.0	651,966
2900 POULTRY	12	0.0	880,850	880,850	0.0	880,850
3000 BEEF CATTLE	37	0.0	3,024,342	3,024,342	0.0	3,024,342
3100 DAIRY CATTLE	29	0.0	1,484,292	1,484,292	0.0	1,484,292
3200 SWINE	19	0.0	1,298,091	1,298,091	0.0	1,298,091
3300 SHEEP AND WOOL	8	0.0	291,450	291,450	0.0	291,450
3400 OTHER ANIMALS	8	0.0	481,820	481,820	0.0	481,820
3600 FARM SUPP & FACILITS	2	0.0	16,921	16,921	0.0	16,921
3800 FOOD	5	0.0	334,565	334,565	0.0	334,565
3900 HOUSING & EQUIP	1	0.0	28,290	28,290	0.0	28,290
4000 PEOPLE AS INDIVIDUALS	3	0.0	129,297	129,297	0.0	129,297
4100 FAMILY MEMBERS	1	0.0	15,053	15,053	0.0	15,053
4300 SOC POLIT ORGANIZ	4	0.0	215,390	215,390	0.0	215,390
4400 AGRIC ECONOMY U S	1	0.0	60,407	60,407	0.0	60,407
4800 MARKETING SYSTEMS	1	0.0	15,102	15,102	0.0	15,102
6100 WEEDS	9	0.0	128,811	128,811	0.0	128,811
6200 SEED RESEARCH	1	0.0	14,700	14,700	0.0	14,700
6300 BIO CELL SYSTEMS	2	0.0	111,923	111,923	0.0	111,923
6400 EXP DESIGN/STAT METHOD	1	0.0	20,000	20,000	0.0	20,000
6500 INVERTEBRATES	4	0.0	31,434	31,434	0.0	31,434
6600 MICROORGANISMS VIRUSES	11	0.0	702,647	702,647	0.0	702,647
6700 PLANTS	52	0.0	2,988,442	2,988,442	0.0	2,988,442
6800 ANIMALS(VERTEBRATES)	26	0.0	392,589	392,589	0.0	392,589
6900 RESEARCH ON RSCH FCHT	2	0.0	55,000	55,000	0.0	55,000
7000 RSCH EQUIP & TECHNOLOGY	1	0.0	6,788	6,788	0.0	6,788
TOTAL		0.0	26,791,059	26,791,059	0.0	26,791,059

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- COOPERATIVE STATE RESEARCH SERVICE CSRS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 100						
101 APPRAIS OF SOIL RESOR	3	0.0	82,546	82,546	0.0	82,546
102 SOIL PLNT WTR NUTRI	8	0.0	425,248	425,248	0.0	425,248
103 MGMT OF SALINE SOILS	3	0.0	195,839	195,839	0.0	195,839
104 ALTERN USE OF LAND	3	0.0	225,913	225,913	0.0	225,913
105 CONSERV USE OF WATER	5	0.0	148,123	148,123	0.0	148,123
106 DRAIN AND IRRIGATION	3	0.0	136,312	136,312	0.0	136,312
107 WATERSHED PROT & MGMT	5	0.0	354,510	354,510	0.0	354,510
109 WEATHER ADAPT & MOD	4	0.0	352,427	352,427	0.0	352,427
110 APPRAIS FORST & RANGS	1	0.0	10,379	10,379	0.0	10,379
112 IMPROV RANGE RESOR	9	0.0	501,454	501,454	0.0	501,454
113 REMOTE SENSING	2	0.0	114,515	114,515	0.0	114,515
114 RSCH ON MGMT OF RSCH	2	0.0	55,000	55,000	0.0	55,000
SUBTOTAL		0.0	2,602,266	2,602,266	0.0	2,602,266
SERIES 200						
201 CNTRL FORST INSECTS	1	0.0	1,514	1,514	0.0	1,514
202 CONTROL FOREST DIS	1	0.0	1,514	1,514	0.0	1,514
204 CNTR PESTS FRT & VEGS	12	0.0	501,325	501,325	0.0	501,325
205 CNTR DISE FRT & VEG	28	0.0	1,011,307	1,011,307	0.0	1,011,307
206 CNTR WEEDS FRT & VEG	12	0.0	523,505	523,505	0.0	523,505
207 CNTR PESTS FLD CRCPS	16	0.0	1,440,364	1,440,364	0.0	1,440,364
208 CNTR DIS FIELD CRCPS	28	0.0	1,862,910	1,862,910	0.0	1,862,910
209 CNTR WEEDS FLD CRCPS	16	0.0	620,995	620,995	0.0	620,995
210 CONTR PESTS ANIMALS	5	0.0	442,819	442,819	0.0	442,819
211 CONTR DIS ANIMALS	66	0.0	5,380,161	5,380,161	0.0	5,380,161
212 CNTR INTER PARASITES	6	0.0	383,361	383,361	0.0	383,361
213 PROT ANMLS FROM TCHINS	3	0.0	198,230	198,230	0.0	198,230
214 PROTECT FROM POLLUTION	9	0.0	1,128,654	1,128,654	0.0	1,128,654
SUBTOTAL		0.0	13,496,659	13,496,659	0.0	13,496,659
SERIES 300						
304 IMP BIO EFF FRT & VEGS	24	0.0	1,357,173	1,357,173	0.0	1,357,173
305 MECH PROD FRT & VEGS	2	0.0	21,007	21,007	0.0	21,007
306 PROD MGMT SYS F & V	2	0.0	42,712	42,712	0.0	42,712
307 IMP BIO EFF FLD CRP	18	0.0	716,390	716,390	0.0	716,390
308 MECH PROD FIELD CROPS	1	0.0	40,142	40,142	0.0	40,142
309 PROD MGMT SYS FLD CRP	8	0.0	207,261	207,261	0.0	207,261
310 ANIMAL REPRODUCTION	10	0.0	951,371	951,371	0.0	951,371
311 IMP BIO EFF ANML PR	6	0.0	237,478	237,478	0.0	237,478
313 PROD MGMT SYS ANMI PR	1	0.0	67,764	67,764	0.0	67,764
318 NCR COM BIO TECH/EIMET	13	0.0	569,455	569,455	0.0	569,455
SUBTOTAL		0.0	4,210,753	4,210,753	0.0	4,210,753
SERIES 400						
401 NEW IMP FOREST PROD	1	0.0	48,000	48,000	0.0	48,000
402 PROD F & V IMP ACCEPT	8	0.0	487,150	487,150	0.0	487,150
403 NEW & IMP F & V PROD	2	0.0	67,011	67,011	0.0	67,011
404 MKT QUAL FRTS & VEGS	1	0.0	45,488	45,488	0.0	45,488
405 PROD FID CROP IMP ACPT	1	0.0	43,260	43,260	0.0	43,260
407 NEW IMP NON FOOD FC	2	0.0	113,000	113,000	0.0	113,000
SUBTOTAL		0.0	803,909	803,909	0.0	803,909
SERIES 500						
506 SPLY DEMAND AND PRIC	2	0.0	127,087	127,087	0.0	127,087
507 COMP REL IN AGRIC	1	0.0	30,203	30,203	0.0	30,203
509 PERFORMANCE MKTG SYS	1	0.0	45,305	45,305	0.0	45,305
510 GROUP ACT MKT POWER	1	0.0	15,102	15,102	0.0	15,102
SUBTOTAL		0.0	217,697	217,697	0.0	217,697
SERIES 600						
603 TECH AID DEV CRTY	2	0.0	17,408	17,408	0.0	17,408
SUBTOTAL		0.0	17,408	17,408	0.0	17,408
SERIES 700						
701 TOX RES IN FOOD	41	0.0	2,342,424	2,342,424	0.0	2,342,424
702 FOOD PROT FROM TOX	1	0.0	371,735	371,735	0.0	371,735
706 CONTR INSECTS AFF MAN	2	0.0	112,934	112,934	0.0	112,934
708 HUMAN NUTRITION	1	0.0	1,650	1,650	0.0	1,650
709 REDUCE HAZ HLTH & SFTY	1	0.0	8,489	8,489	0.0	8,489
SUBTOTAL		0.0	2,837,232	2,837,232	0.0	2,837,232
SERIES 800						
802 INDIV & FAM DEC MAKING	1	0.0	15,053	15,053	0.0	15,053
803 RURAL POVERTY	1	0.0	15,053	15,053	0.0	15,053
805 COMMUNICAT EDUC PROC	1	0.0	34,750	34,750	0.0	34,750
806 ADJUSTMENT TO CHANGE	1	0.0	15,053	15,053	0.0	15,053
807 AGRIC ECONOMIC CHANGE	1	0.0	60,407	60,407	0.0	60,407
SUBTOTAL		0.0	140,316	140,316	0.0	140,316
SERIES 900						
901 ALLEV POLLUTION	7	0.0	201,707	201,707	0.0	201,707
903 MULTI USE FOREST POTEN	1	0.0	1,161,672	1,161,672	0.0	1,161,672
904 WLDLFE AND FISH ECOL	12	0.0	864,049	864,049	0.0	864,049
906 ORNAMENT & TURF DEV	4	0.0	56,747	56,747	0.0	56,747
907 RURAL INCOME IMP	2	0.0	67,740	67,740	0.0	67,740
908 RURAL INSTITUT IMP	3	0.0	112,900	112,900	0.0	112,900
SUBTOTAL		0.0	2,464,815	2,464,815	0.0	2,464,815
SCIENCE IN SERV OF MAN GRAND TOTAL		0.0	26,791,055	26,791,055	0.0	26,791,055

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- COMPETITIVE RESEARCH GRANT OFFICE CRGC

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0200 WATER	1	0.0	17,000	17,000	0.0	17,000
1000 FRUIT NUTS DECIDUOUS	3	0.0	190,000	190,000	0.0	190,000
1100 POTATOES	3	0.0	235,000	235,000	0.0	235,000
1200 VEGETABLES	8	0.0	662,000	662,000	0.0	327,000
1400 CORN	7	0.0	619,500	619,500	0.0	509,500
1700 WHEAT	2	0.0	180,000	180,000	0.0	180,000
1800 OTHER SMALL GRAINS	1	0.0	60,000	60,000	0.0	60,000
2000 FORAGE CROPS	2	0.0	175,000	175,000	0.0	175,000
2100 COTTON	3	0.0	177,500	177,500	0.0	177,500
2300 SOYBEANS	7	0.0	615,000	615,000	0.0	455,000
2400 PEANUTS	1	0.0	25,000	25,000	0.0	25,000
3800 FOOD	24	0.0	2,126,690	2,126,690	0.0	1,447,120
6100 WEEDS	2	0.0	120,000	120,000	0.0	120,000
6300 BIO CELL SYSTEMS	2	0.0	172,300	172,300	0.0	102,300
6500 INVERTEBRATES	11	0.0	705,800	705,800	0.0	461,900
6600 MICROORGANISMS VIRUSES	63	0.0	4,503,542	4,503,542	0.0	2,976,792
6700 PLANTS	83	0.0	5,620,242	5,620,242	0.0	3,193,292
TOTAL		0.0	16,204,574	16,204,574	0.0	10,652,404

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- COMPETITIVE RESEARCH GRANT OFFICE CRGC

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 100						
102 SOIL PLNT WTR NUTRI	1	0.0	12,750	12,750	0.0	12,750
105 CONSERV USE OF WATER	1	0.0	17,000	17,000	0.0	17,000
SUBTOTAL		0.0	29,750	29,750	0.0	29,750
SERIES 200						
204 CNTR PESTS FRT & VEGS	4	0.0	225,000	225,000	0.0	195,000
205 CNTR DISE FRT & VEG	7	0.0	513,500	513,500	0.0	432,000
206 CNTR WEEDS FRT & VEG	1	0.0	60,000	60,000	0.0	60,000
207 CNTR PESTS FLD CRCPS	3	0.0	113,500	113,500	0.0	113,500
208 CNTR DIS FIELD CRCPS	4	0.0	258,500	258,500	0.0	258,500
SUBTOTAL		0.0	1,170,500	1,170,500	0.0	1,059,000
SERIES 300						
304 INP BIO EFF FRT & VEGS	7	0.0	655,000	655,000	0.0	285,000
307 INP BIC EFF FLD CPP	19	0.0	1,684,000	1,684,000	0.0	1,414,000
318 NCR COM BIO TECH/EIMET	149	0.0	10,729,204	10,729,204	0.0	6,501,534
SUBTOTAL		0.0	13,068,204	13,068,204	0.0	8,200,534
SERIES 700						
708 HUMAN NUTRITION	22	0.0	1,936,120	1,936,120	0.0	1,363,120
SUBTOTAL		0.0	1,936,120	1,936,120	0.0	1,363,120
SCIENCE IN SERV OF MAN						
GRAND TOTAL		0.0	16,204,574	16,204,574	0.0	10,652,404

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- ECONOMIC RESEARCH SERVICE ERS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	13	19.9	1,705,952	1,730,652	0.0	0
0200 WATER	14	30.5	2,709,455	2,734,155	0.0	0
0300 WATERSHEDS RIVER BAS	2	30.2	2,428,556	2,428,556	0.0	0
0400 AIR AND CLIMATE	1	0.1	0	12,350	0.0	0
0500 RECREATION RESOURCES	1	0.1	0	12,350	0.0	0
0700 RANGE	1	0.2	0	24,700	0.0	0
0800 WILDLIFE AND FISH	1	0.0	4,366	4,366	0.0	0
0900 CITRUS SUB TROP FRUT	6	1.8	186,555	186,555	0.0	0
1000 FRUIT NUTS DECIDUOUS	6	1.8	195,315	195,315	0.0	0
1100 POTATOES	1	1.9	104,380	104,380	0.0	0
1200 VEGETABLES	9	3.9	388,502	388,502	0.0	0
1400 CORN	12	3.7	262,795	287,650	0.0	0
1500 GRAIN SORGHUM	11	3.0	231,684	231,684	0.0	0
1600 RICE	10	4.0	280,942	305,797	0.0	0
1700 WHEAT	11	3.8	269,262	294,117	0.0	0
1800 OTHER SMALL GRAINS	8	2.3	193,616	193,616	0.0	0
1900 PASTURE	1	0.1	6,140	6,140	0.0	0
2000 FORAGE CROPS	2	0.6	15,556	40,411	0.0	0
2100 COTTON	9	4.5	323,976	348,831	0.0	0
2200 COTTONSEED	2	0.3	21,149	21,149	0.0	0
2300 SOYBEANS	13	4.3	319,637	344,492	0.0	0
2400 PEANUTS	5	1.7	125,884	125,884	0.0	0
2500 OTHER OILSEED CROPS	2	0.8	57,443	57,443	0.0	0
2600 TOBACCO	3	1.2	89,917	89,917	0.0	0
2700 SUGAR CROPS	7	3.8	426,447	451,302	0.0	0
2900 POULTRY	8	3.2	447,154	447,154	0.0	0
3000 BEEF CATTLE	13	8.2	767,453	821,348	0.0	0
3100 DAIRY CATTLE	14	14.5	1,325,797	1,350,652	0.0	0
3200 SWINE	10	4.5	434,984	459,799	0.0	0
3300 SHEEP AND WOOL	3	0.8	77,854	85,114	0.0	0
3400 OTHER ANIMALS	1	0.1	11,758	11,758	0.0	0
3600 FARM SUPP & FACILITS	5	10.6	914,715	914,715	0.0	0
3700 CLOTHING & TEXTILES	1	0.6	46,391	46,391	0.0	0
3800 FOOD	9	11.6	893,437	893,437	0.0	0
4000 PEOPLE AS INDIVIDUALS	7	17.4	1,749,907	1,749,907	0.0	0
4100 FAMILY MEMBERS	7	12.2	1,421,075	1,421,075	0.0	0
4300 SOC POLIT ORGANIZ	13	25.0	2,122,432	2,147,132	0.0	0
4400 AGRIC ECONOMY U S	40	67.8	8,890,077	8,913,077	0.0	0
4500 AGRIC ECONOMY FORGN	89	107.9	8,620,207	8,654,760	0.0	0
4600 FARM COOPERATIVES	2	1.4	113,932	113,932	0.0	0
4800 MARKETING SYSTEMS	15	18.9	1,544,557	1,544,557	0.0	0
6400 EXP DESIGN/STAT METHOD	1	4.5	666,496	666,496	0.0	0
6700 PLANTS	7	13.3	1,712,930	1,712,930	0.0	0
6800 ANIMALS(VERTEBRATES)	6	3.1	412,883	412,883	0.0	0
TOTAL		449.8	42,521,529	42,987,432	0.0	0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- ECONOMIC RESEARCH SERVICE ERS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 100						
104 ALTERN USE OF LAND	12	19.6	1,675,470	1,700,170	0.0	0
105 CONSERV USE OF WATER	9	26.6	2,439,359	2,464,059	0.0	0
107 WATERSHED PROT & MGMT	2	3.5	292,690	292,690	0.0	0
108 ECON LEG PROB OF WAT	2	30.8	2,436,445	2,436,445	0.0	0
110 APPRAIS FORST & RANGS	1	0.2	0	24,700	0.0	0
SUBTOTAL		80.7	6,843,963	6,918,063	0.0	0
SERIES 200						
204 CNTR PESTS FRT & VEGS	6	3.1	412,883	412,883	0.0	0
205 CNTR DISE FRT & VEG	6	1.6	206,441	206,441	0.0	0
206 CNTR WEEDS FRT & VEG	6	1.6	206,441	206,441	0.0	0
207 CNTR PESTS FLD CRCPS	6	3.1	412,883	412,883	0.0	0
208 CNTR DIS FIELD CRCPS	6	1.6	206,441	206,441	0.0	0
209 CNTR WEEDS FLD CRCPS	6	1.6	206,441	206,441	0.0	0
210 CONTR PESTS ANIMALS	6	1.6	206,441	206,441	0.0	0
211 CONTR DIS ANIMALS	6	1.6	206,441	206,441	0.0	0
214 PROTECT FROM POLLUTION	1	0.7	61,400	61,400	0.0	0
SUBTOTAL		16.4	2,125,813	2,125,813	0.0	0
SERIES 300						
313 PROD MGMT SYS ANMI PR	4	6.1	496,941	533,241	0.0	0
SUBTOTAL		6.1	496,941	533,241	0.0	0
SERIES 500						
501 IMP GRADES & STANDS	1	0.1	29,063	29,063	0.0	0
503 MKTG EFF AGRI PROCS	7	13.0	1,091,684	1,091,684	0.0	0
506 SPLY DEMAND AND PRIC	44	71.0	5,607,191	5,855,741	0.0	0
507 COMP REL IN AGRIC	3	1.5	133,852	133,852	0.0	0
508 DOMESTIC MKT DEVEIP	1	2.0	161,551	161,551	0.0	0
509 PERFORMANCE MKTG SYS	29	39.0	3,439,508	3,439,508	0.0	0
511 IMP AGRIC STATISTICS	1	4.5	666,496	666,496	0.0	0
SUBTOTAL		131.1	11,129,345	11,377,895	0.0	0
SERIES 600						
601 FGN MKT DEVELP	89	107.9	8,620,207	8,654,760	0.0	0
SUBTOTAL		107.9	8,620,207	8,654,760	0.0	0
SERIES 700						
702 FOOD PROT FROM TOX	1	0.3	58,790	58,790	0.0	0
703 FOOD CONSUMP HABITS	5	5.7	596,074	596,074	0.0	0
SUBTOTAL		6.0	654,864	654,864	0.0	0
SERIES 800						
801 RURAL HOUSING	2	5.5	487,109	487,109	0.0	0
804 ECON POTENT RURL REG	5	10.1	1,183,660	1,183,660	0.0	0
805 COMMUNICAT EDUC PROC	2	2.2	105,062	105,062	0.0	0
806 ADJUSTMENT TO CHANGE	5	13.9	1,500,212	1,500,212	0.0	0
807 AGRIC ECONOMIC CHANGE	23	36.8	6,506,246	6,529,246	0.0	0
808 GOV T PROGRAMS	5	10.0	850,736	850,736	0.0	0
SUBTOTAL		78.6	10,633,026	10,656,026	0.0	0
SERIES 900						
901 ALLEV POLLUTION	1	0.1	0	12,350	0.0	0
902 OUTDOOR RECREATION	1	0.1	0	12,350	0.0	0
907 RURAL INCOME IMP	3	12.7	1,176,156	1,176,156	0.0	0
908 RURAL INSTITUT IMP	9	10.1	841,213	865,913	0.0	0
SUBTOTAL		23.0	2,017,370	2,066,770	0.0	0
SCIENCE IN SERV OF MAN						
GRAND TOTAL		449.8	42,521,529	42,987,432	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- U S FOREST SERVICE FS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	4	12.3	1,661,250	1,702,760	0.0	0
0200 WATER	4	9.1	1,177,500	1,211,550	0.0	0
0300 WATERSHEDS RIVER BAS	25	61.5	8,781,500	9,549,990	0.0	0
0400 AIR AND CLIMATE	4	6.0	898,700	1,039,140	0.0	0
0500 RECREATION RESOURCES	13	26.6	3,322,400	3,519,990	0.0	0
0600 TIMBER FORST PRODUCT	170	633.6	88,497,420	94,537,653	0.0	0
0700 RANGE	19	27.3	4,046,980	4,218,694	0.0	0
0800 WILDLIFE AND FISH	29	52.1	7,215,250	7,836,083	0.0	0
3900 HOUSING & EQUIP	2	9.1	1,140,000	1,157,740	0.0	0
TOTAL		837.7	116,741,000	124,773,600	0.0	0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- U S FOREST SERVICE FS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 100						
102 SOIL PLNT WTR NUTRI	3	6.2	681,650	708,420	0.0	0
105 CONSERV USE OF WATER	1	1.0	155,000	181,000	0.0	0
107 WATERSHED PROT & MGMT	25	67.0	9,390,250	10,231,275	0.0	0
108 ECON LEG PROB OF WAT	2	2.2	271,800	271,800	0.0	0
110 APPRAIS FORST & RANGS	13	55.8	10,969,120	11,332,050	0.0	0
111 BIOL CULT MGMT FORSTS	52	164.3	19,800,170	21,766,892	0.0	0
112 IMPROV RANGE RESOR	7	14.1	2,114,480	2,177,444	0.0	0
SUBTOTAL		310.7	43,382,470	46,668,881	0.0	0
SERIES 200						
201 CNTRL FORST INSECTS	28	79.0	11,880,290	12,335,291	0.0	0
202 CONTROL FOREST DIS	24	54.3	9,165,660	9,598,005	0.0	0
203 FOREST FIRE PROTECT	17	61.7	8,050,300	8,726,940	0.0	0
207 CNTR PESTS FLD CROPS	1	0.5	67,900	70,670	0.0	0
208 CNTR DIS FIELD CROPS	1	0.5	67,900	70,670	0.0	0
214 PROTECT FROM POLLUTION	3	7.8	1,126,000	1,163,500	0.0	0
SUBTOTAL		203.8	30,398,050	31,961,076	0.0	0
SERIES 300						
301 GENET BREED FORST TRE	14	38.8	4,331,400	5,547,530	0.0	0
302 IMP FOREST ENG SYS	5	18.7	2,385,000	2,537,600	0.0	0
303 ECON TIMBER PRODUCTN	6	15.2	1,542,050	1,608,205	0.0	0
SUBTOTAL		72.7	8,258,450	9,693,335	0.0	0
SERIES 400						
401 NEW IMP FOREST PROD	27	99.8	15,388,570	15,583,941	0.0	0
SUBTOTAL		99.8	15,388,570	15,583,941	0.0	0
SERIES 500						
502 MKTG TIMBER PRODUCTS	6	12.0	1,372,470	1,415,429	0.0	0
512 IMP GRADES FRST PROD	2	6.8	767,400	816,700	0.0	0
513 PRICE ANAL FRST PROD	3	5.0	712,900	751,310	0.0	0
SUBTOTAL		23.9	2,852,770	2,983,439	0.0	0
SERIES 600						
601 FGN MKT DEVELP	1	2.0	301,000	366,900	0.0	0
604 PRD DVLPMT/MKTG FRGN	1	4.1	385,360	385,360	0.0	0
SUBTOTAL		6.1	686,360	752,260	0.0	0
SERIES 800						
801 RURAL HOUSING	1	3.5	396,000	409,900	0.0	0
SUBTOTAL		3.5	396,000	409,900	0.0	0
SERIES 900						
901 ALLEV POLLUTION	10	17.6	2,423,300	2,807,315	0.0	0
902 OUTDOOR RECREATION	10	21.2	2,318,200	2,477,940	0.0	0
903 MULTI USE FOREST RCTEN	16	33.7	4,419,630	4,788,690	0.0	0
904 WLDLFE AND FISH ECOL	21	43.8	6,033,700	6,463,323	0.0	0
905 TREES BEAUTIFICATION	1	1.0	183,500	183,500	0.0	0
SUBTOTAL		117.3	15,378,330	16,720,768	0.0	0
SCIENCE IN SERV OF MAN						
GRAND TOTAL		837.7	116,741,000	124,773,600	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- NATIONAL TOTAL SAES - OTHER INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1183	376.4	8,268,318	48,147,336	*	
0200 WATER	735	191.3	3,544,156	24,417,227	*	
0300 WATERSHEDS RIVER BAS	169	48.0	1,093,588	6,263,821	*	1
0400 AIR AND CLIMATE	130	40.1	356	5,877,336	*	
0500 RECREATION RESOURCES	134	34.9	82	4,018,166	*	978
0600 TIMBER FORST PRODUCT	1456	510.0	,87	65,109,558	*	,610
0700 RANGE	290	100.1	,341	11,997,364	*	6,728
0800 WILDLIFE AND FISH	719	222.5	3,571	31,465,761	*	815,038
0900 CITRUS SUB TROP FRUT	271	110.2	1,290,820	14,638,729	*	464,020
1000 FRUIT NUTS DECIDUOUS	978	341.5	7,476,047	47,771,105	*	1,795,192
1100 POTATOES	308	89.4	2,234,084	11,382,359	*	846,479
1200 VEGETABLES	1431	451.7	11,604,592	60,942,837	*	2,471,535
1300 ORNAMENTALS TURF	605	221.2	4,193,894	25,656,070	*	449,666
1400 CORN	969	214.3	5,608,410	32,206,671	*	1,717,139
1500 GRAIN SORGHUM	324	65.0	1,052,341	10,071,472	*	443,614
1600 RICE	140	46.2	525,609	6,875,916	*	108,186
1700 WHEAT	674	177.7	3,264,492	23,577,697	*	1,325,272
1800 OTHER SMALL GRAINS	418	86.7	1,851,983	11,660,509	*	519,660
1900 PASTURE	141	28.2	1,098,538	4,380,218	*	266,404
2000 FORAGE CROPS	903	255.3	7,050,473	37,055,875	*	2,149,953
2100 COTTON	363	133.4	2,748,830	18,116,038	*	753,427
2200 COTTONSEED	17	3.3	65,493	528,091	*	85,589
2300 SOYBEANS	938	234.6	7,243,512	35,212,825	*	1,777,796
2400 PEANUTS	166	45.7	903,281	6,837,918	*	155,309
2500 OTHER OILSEED CROPS	152	31.0	692,871	4,388,285	*	261,680
2600 TOBACCO	166	60.0	1,222,317	9,783,396	*	504,244
2700 SUGAR CROPS	162	48.4	1,072,665	6,115,080	*	312,546
2800 MISC NEW CROPS	175	41.3	1,246,577	5,634,613	*	344,327
2900 POULTRY	763	258.3	8,515,279	40,002,610	*	894,420
3000 BEEF CATTLE	1504	459.1	15,183,545	89,503,114	*	3,964,311
3100 DAIRY CATTLE	1286	348.3	11,489,378	66,495,921	*	2,830,816
3200 SWINE	722	191.0	7,606,363	38,767,797	*	1,460,257
3300 SHEEP AND WOOL	390	90.8	2,711,098	14,645,447	*	856,104
3400 OTHER ANIMALS	581	169.3	3,772,178	25,947,726	*	511,580
3500 BEES AND HONEY	39	15.6	296,555	1,806,050	*	211,289
3600 FARM SUPP & FACILITS	108	24.7	527,059	4,057,359	*	161,789
3700 CLOTHING & TEXTILES	68	21.7	686,723	1,874,489	*	30,634
3800 FOOD	539	177.6	5,777,689	24,128,304	*	2,152,284
3900 HOUSING & EQUIP	226	62.1	1,312,923	7,232,819	*	589,023
4000 PEOPLE AS INDIVIDUALS	619	186.6	5,529,609	22,306,430	*	1,300,927
4100 FAMILY MEMBERS	257	79.0	2,595,331	8,067,549	*	139,893
4200 FARM AS BUSINESS	239	76.8	1,721,859	6,794,888	*	256,872
4300 SOC POLIT ORGANIZ	368	118.3	4,108,766	11,234,582	*	567,990
4400 AGRIC ECONOMY U S	152	45.4	1,129,971	5,255,952	*	624,244
4500 AGRIC ECONOMY FORGN	31	11.4	124,035	1,023,681	*	171,377
4600 FARM COOPERATIVES	33	6.4	116,990	522,005	*	37,180
4700 OTH MARKET PROCESS	38	8.2	154,745	863,331	*	51,827
4800 MARKETING SYSTEMS	105	31.1	819,400	2,863,272	*	194,921
6100 WEEDS	78	15.5	340,299	2,248,744	*	198,318
6200 SEED RESEARCH	54	24.8	242,229	3,265,880	*	117,162
6300 BIO CELL SYSTEMS	321	123.3	2,192,250	19,571,903	*	528,413
6400 EXP DESIGN/STAT METHOD	82	29.2	236,220	4,179,972	*	1,094,405
6500 INVERTEBRATES	295	113.1	1,822,286	14,367,571	*	411,702
6600 MICROORGANISMS VIRUSES	369	119.1	2,299,042	16,926,088	*	1,588,815
6700 PLANTS	886	276.0	5,291,287	42,277,033	*	5,813,425
6800 ANIMALS(VERTEBRATES)	527	216.4	2,313,815	38,541,510	*	873,015
6900 RESEARCH ON RSCH MGMT	44	30.4	427,345	6,305,916	*	172,014
7000 RSCH EQUIP & TECHNOLOGY	141	38.0	447,366	5,355,144	*	139,461
9900 UNCLASSIFIED	1	0.0	100,000	100,000	*	0
TOTAL		7576.0	183,388,487	1,096,665,360	*	60,414,130

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- NATIONAL TOTAL SAES - OTHER INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 100						
101 APPRAIS OF SOIL RESOR	210	78.8	1,326,228	9,076,635	*	296,087
102 SOIL PLNT WTR NUTRI	746	242.2	5,549,690	31,848,835	*	1,698,671
103 MGMT OF SALINE SOILS	63	17.2	257,116	2,510,204	*	88,158
104 ALTERN USE OF LAND	188	53.5	1,210,047	5,605,178	*	548,143
105 CONSERV USE OF WATER	324	84.7	1,439,307	11,914,027	*	982,726
106 DRAIN AND IRRIGATION	155	45.9	829,445	5,400,211	*	422,545
107 WATERSHED PROT & MGMT	189	61.8	1,275,646	8,155,737	*	1,038,031
108 ECON LEG PROB OF WAT	57	17.6	171,628	1,853,095	*	194,912
109 WEATHER ADAPT & MOD	150	50.9	1,057,824	7,554,272	*	335,171
110 APPRAIS FORST & RANGS	161	43.7	728,069	4,584,335	*	771,384
111 BIOL CULT MGMT FORSTS	460	139.4	3,352,211	19,024,416	*	1,756,698
112 IMPROV RANGE RESOR	184	64.2	818,419	7,962,250	*	678,687
113 REMOTE SENSING	53	12.0	216,733	1,811,824	*	51,467
114 RSCH ON MGMT OF RSCH	43	26.7	427,345	5,965,492	*	172,014
SUBTOTAL		938.7	18,659,710	123,266,511	*	9,034,701
SERIES 200						
201 CNTRL FORST INSECTS	164	44.3	1,111,749	6,101,014	*	1,127,387
202 CONTROL FOREST DIS	153	35.8	1,178,244	4,412,638	*	262,928
203 FOREST FIRE PROTECT	17	3.6	18,367	280,108	*	57,875
204 CNTR PESTS FRT & VEGS	429	123.0	2,242,790	18,510,883	*	1,060,821
205 CNTR DISE FRT & VEG	755	230.3	4,541,681	30,699,299	*	1,575,255
206 CNTR WEEDS FRT & VEG	174	44.2	902,511	6,064,322	*	396,105
207 CNTR PESTS FLD CROPS	597	199.2	5,257,928	26,572,200	*	1,704,649
208 CNTR DIS FIELD CROPS	771	221.7	5,384,421	30,627,182	*	2,051,443
209 CNTR WEEDS FLD CROPS	347	110.0	2,520,417	16,745,561	*	843,278
210 CONTR PESTS ANIMALS	144	34.8	1,080,787	5,049,666	*	536,789
211 CONTR DIS ANIMALS	1273	456.5	9,181,054	69,861,897	*	4,827,722
212 CNTR INTER PARASITES	159	43.6	852,729	6,652,642	*	934,137
213 PROT ANMLS FROM TOXINS	179	67.2	1,053,265	12,451,528	*	505,584
214 PROTECT FROM POLLUTION	242	66.6	1,333,285	12,527,859	*	1,595,629
SUBTOTAL		1680.9	36,659,229	246,556,758	*	17,479,606
SERIES 300						
301 GENET BREED FORST TRE	138	45.8	1,317,880	6,719,998	*	471,170
302 IMP FOREST ENG SYS	48	15.1	251,895	2,131,502	*	535,543
303 ECON TIMBER PRODUCTN	66	19.5	406,102	2,450,871	*	315,777
304 IMP BIO EFF FRT & VEGS	1068	347.1	8,513,952	48,410,183	*	1,706,253
305 MECH PROD FRT & VEGS	117	31.5	817,628	3,934,612	*	36,531
306 PROD MGMT SYS F & V	126	20.5	497,895	2,916,897	*	122,517
307 IMP BIO EFF FLD CRP	1521	617.6	13,703,945	94,276,392	*	4,178,013
308 MECH PROD FIELD CROPS	92	26.9	655,299	4,253,321	*	142,533
309 PROD MGMT SYS FLD CRP	355	80.7	1,950,905	12,606,877	*	223,774
310 ANIMAL REPRODUCTION	535	196.7	7,813,962	39,361,601	*	898,972
311 IMP BIO EFF ANML PR	1247	490.5	17,617,515	111,402,110	*	2,097,634
312 ENV STRESS IN ANML PR	198	48.6	1,560,675	8,145,378	*	130,200
313 PROD MGMT SYS ANML PR	324	72.1	2,610,803	13,846,198	*	231,692
314 BEES OTH POLLNTNG INS	39	15.6	296,555	1,806,050	*	211,289
315 IMP STRUC FARM SUPP	157	44.2	881,796	6,785,242	*	472,001
316 FARM BUSINESS MGMT	181	59.7	1,155,780	5,058,210	*	184,449
317 MECH/STRUCTS ANML PRD	64	17.4	368,517	2,451,002	*	15,963
318 NCN COM BIC TECH/EIMET	1331	513.7	8,660,426	75,738,480	*	4,479,683
SUBTOTAL		2663.2	69,081,528	442,290,925	*	16,454,003
SERIES 400						
401 NEW IMP FOREST PROD	196	106.8	1,567,422	12,132,601	*	766,729
402 PROD F & V IMP ACCEPT	273	53.9	1,032,552	7,963,097	*	415,880
403 NEW & IMP F & V PROD	198	57.1	1,335,090	7,070,190	*	120,309
404 MKT QUAL FRTS & VEGS	166	53.6	1,499,457	6,397,307	*	94,400
405 PROD FLD CROP IMP ACPT	277	84.9	2,107,284	13,542,764	*	603,054
406 NEW IMP FOOD FLD CROP	125	36.9	1,005,631	4,807,597	*	43,273
407 NEW IMP NON FOOD FC	118	34.0	569,031	4,965,065	*	573,843
408 MKT QUAL FIELD CROPS	92	24.2	552,149	2,601,503	*	165,781
409 PROD ANML PR IMP ACCP	156	39.4	2,101,922	7,200,660	*	516,201
410 IMP MEAT MILK EGG PR	259	82.5	2,561,261	10,910,758	*	80,312
411 IMP NON FOOD ANML PR	27	6.5	228,735	806,474	*	143,907
412 MKT QUAL ANIMAL PROD	105	28.1	964,352	3,971,132	*	104,791
SUBTOTAL		607.8	15,524,888	82,369,148	*	3,628,443
SERIES 500						
501 IMP GRADES & STANDS	48	13.8	425,302	1,902,033	*	36,998
502 MKTG TIMBER PRODUCTS	45	9.7	184,701	1,182,367	*	315,534
503 MKTG EFF AGRI PRODS	178	54.0	1,385,757	4,970,564	*	213,464
506 SPLY DEMAND AND PRIC	183	55.9	1,628,078	5,595,563	*	311,993
507 COMP REL IN AGRIC	63	14.4	389,225	1,510,856	*	95,973
508 DOMESTIC MKT DEVELP	33	6.8	169,532	722,520	*	13,266
509 PERFORMANCE MKTG SYS	152	60.5	1,550,260	5,122,846	*	304,464
510 GROUP ACT MKT POWER	23	3.6	81,761	377,609	*	45,065
511 IMP AGRIC STATISTICS	31	8.7	107,075	1,989,826	*	1,053,986
512 IMP GRADES FRST PROD	18	3.5	78,411	399,985	*	60,900
513 PRICE ANAL FRST PROD	28	8.0	93,624	706,623	*	106,543
SUBTOTAL		238.9	6,093,727	24,480,793	*	2,558,190
SERIES 600						
601 FGN MKT DEVELP	56	15.4	468,905	1,819,096	*	137,081
602 EVAL FGN FOOD AID PGM	4	0.3	7,270	28,437	*	3,177
603 TECH AID DEV CNTY	65	31.9	19,482	2,278,629	*	151,883
604 PRD DVLPMT/MKTG FRGN	15	1.5	21,651	201,601	*	13,847
SUBTOTAL		49.1	517,308	4,327,764	*	305,989
SERIES 700						
701 TOX RES IN FOOD	163	63.1	1,743,923	7,898,805	*	1,981,137
702 FOOD PROT FROM TOX	190	68.2	1,848,039	10,414,558	*	389,726
703 FOOD CONSUMP HABITS	135	38.7	1,440,517	4,681,234	*	782,726
704 HOME COMM FOOD SERV	52	13.5	389,876	1,413,896	*	32,769
705 SEL CARE CLOTH & TEXTL	59	17.2	537,701	1,483,882	*	12,716
706 CONTR INSECTS AFF MAN	125	43.9	745,740	5,006,958	*	208,804
707 TRANS ANIML MAN DIS	32	11.9	64,447	2,029,585	*	2,649
708 HUMAN NUTRITION	425	141.0	4,920,062	20,045,227	*	1,905,843
709 REDUCE HAZ HLTH & SFTY	67	16.6	320,599	2,233,660	*	410,718
SUBTOTAL		414.1	12,010,904	55,207,805	*	5,727,091

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- NATIONAL TOTAL SAES - OTHER INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 800						
801 RURAL HOUSING	64	14.6	420,466	1,513,432	*	168,004
802 INDIV & FAM DEC MAKING	189	51.5	1,745,532	5,228,030	*	61,778
803 RURAL POVERTY	40	15.0	1,133,441	1,323,480	*	15,054
804 ECON POTENT RURL PEO	88	25.0	1,265,364	2,404,829	*	108,041
805 COMMUNICAT EDUC PROC	122	34.7	639,589	3,868,499	*	55,286
806 ADJUSTMENT TO CHANGE	175	56.2	1,514,413	5,512,682	*	82,813
807 AGRIC ECONOMIC CHANGE	157	52.9	1,479,893	5,511,822	*	372,864
808 GOV T PROGRAMS	47	10.3	187,458	1,200,036	*	176,842
SUBTOTAL		260.1	8,386,156	26,562,810	*	1,044,685
SERIES 900						
901 ALLEV POLLUTION	501	157.3	4,456,344	22,399,961	*	1,022,294
902 OUTDOOR RECREATION	138	38.0	810,162	4,448,037	*	283,430
903 MULTI USE FOREST POTEN	96	27.3	487,149	2,405,796	*	179,026
904 WLDLFE AND FISH ECOL	595	182.4	3,198,036	26,941,917	*	1,565,118
905 TREES BEAUTIFICATION	91	20.9	312,553	2,664,911	*	157,003
906 ORNAMENT & TURF DEV	582	211.3	4,106,668	24,554,065	*	400,221
907 RURAL INCOME IMP	100	31.2	1,201,636	2,981,022	*	225,018
908 RURAL INSTITUT IMP	193	54.6	1,782,490	5,107,136	*	349,306
990 UNCLASSIFIED	1	0.0	100,000	100,000	*	0
SUBTOTAL		723.1	16,455,037	91,602,845	*	4,181,418
SCIENCE IN SERV OF MAN						
GRAND TOTAL		7576.0	183,388,487	1,096,665,360	*	60,414,130

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1122	358.7	7,437,692	46,254,387	*	2,740,359
0200 WATER	701	178.3	2,967,534	23,276,181	*	1,608,447
0300 WATERSHEDS RIVER BAS	142	42.8	859,366	5,525,256	*	598,114
0400 AIR AND CLIMATE	123	38.1	729,552	5,650,311	*	148,974
0500 RECR''TION RESOURCES	103	30.3	600,594	3,454,552	*	175,065
0600 TIMBER FORST PRODUCT	970	354.8	9,357,460	45,647,819	*	3,384,622
0700 RANGE	273	94.3	1,172,457	11,452,871	*	1,428,756
0800 WILDLIFE AND FISH	595	192.2	2,782,873	27,802,950	*	1,363,026
0900 CITRUS SUB TROP FRUT	270	109.7	1,290,820	14,591,723	*	464,020
1000 FRUIT NUTS DECIDUOUS	968	336.9	7,060,574	47,273,433	*	1,795,192
1100 POTATOES	307	89.3	2,228,830	11,377,105	*	846,479
1200 VEGETABLES	1395	429.9	9,338,413	58,593,657	*	2,418,642
1300 ORNAMENTALS TURF	601	220.9	4,173,305	25,623,537	*	449,666
1400 CORN	960	214.0	5,451,464	32,029,194	*	1,704,390
1500 GRAIN SORGHUM	321	64.9	1,037,764	10,055,489	*	443,608
1600 RICE	139	46.2	525,609	6,875,339	*	107,609
1700 WHEAT	671	176.9	3,175,801	23,489,007	*	1,325,272
1800 OTHER SMALL GRAINS	413	85.7	1,682,606	11,491,132	*	519,660
1900 PASTURE	139	28.0	1,034,536	4,314,830	*	265,019
2000 FORAGE CROPS	891	248.4	6,406,287	36,387,569	*	2,123,833
2100 COTTON	359	132.0	2,596,408	17,963,564	*	753,427
2200 COTTONSEED	16	3.2	65,493	515,492	*	85,589
2300 SOYBEANS	910	219.4	5,525,131	33,445,378	*	1,730,494
2400 PEANUTS	162	42.7	595,468	6,520,818	*	155,309
2500 OTHER OILSEED CROPS	149	29.6	535,661	4,198,815	*	261,544
2600 TOBACCO	164	59.0	1,180,813	9,371,817	*	133,769
2700 SUGAR CROPS	160	47.8	997,870	6,012,123	*	312,546
2800 MISC NEW CROPS	174	41.0	1,246,577	5,614,195	*	344,327
2900 POULTRY	694	230.4	7,486,380	35,656,709	*	734,720
3000 BEEF CATTLE	1303	424.6	13,822,794	83,793,654	*	3,376,149
3100 DAIRY CATTLE	1072	304.0	10,767,983	59,876,642	*	1,878,263
3200 SWINE	596	158.7	6,352,713	33,948,537	*	1,030,227
3300 SHEEP AND WOOL	335	77.9	2,281,077	13,103,471	*	643,722
3400 OTHER ANIMALS	362	97.7	2,132,721	13,759,223	*	222,788
3500 BEES AND HONEY	38	15.4	263,729	1,773,224	*	211,289
3600 FARM SUPP & FACILITS	104	24.4	469,246	3,975,886	*	161,557
3700 CLOTHING & TEXTILES	64	18.7	445,820	1,633,445	*	30,634
3800 FOOD	500	160.2	4,047,061	22,142,658	*	2,020,096
3900 HOUSING & EQUIP	217	59.5	1,212,617	6,796,831	*	413,132
4000 PEOPLE AS INDIVIDUALS	554	156.4	3,016,998	18,309,413	*	1,137,631
4100 FAMILY MEMBERS	229	67.3	1,428,270	6,734,837	*	99,345
4200 FARM AS BUSINESS	231	74.6	1,448,572	6,508,449	*	250,120
4300 SOC POLIT ORGANIZ	343	104.8	3,038,286	10,110,090	*	547,552
4400 AGRIC ECONOMY U S	144	43.7	911,691	5,035,438	*	624,159
4500 AGRIC ECONOMY FORGN	31	11.4	124,035	1,023,681	*	171,377
4600 FARM COOPERATIVES	32	6.1	116,990	506,837	*	37,180
4700 OTH MARKET PROCESS	37	8.2	154,745	861,248	*	51,827
4800 MARKETING SYSTEMS	104	30.9	819,400	2,848,104	*	194,921
6100 WEEDS	76	15.5	340,299	2,233,850	*	183,423
6200 SEED RESEARCH	54	24.8	242,229	3,265,880	*	117,162
6300 BIO CELL SYSTEMS	286	114.0	1,727,817	18,011,004	*	527,730
6400 EXP DESIGN/STAT METHOD	82	29.2	236,220	4,179,972	*	1,098,405
6500 INVERTEBRATES	289	111.6	1,730,684	14,264,438	*	411,702
6600 MICROORGANISMS VIRUSES	330	94.2	1,476,140	15,299,039	*	1,567,586
6700 PLANTS	840	267.6	4,076,213	40,671,668	*	5,808,322
6800 ANIMALS(VERTEBRATES)	395	135.9	2,127,644	24,423,575	*	505,329
6900 RESEARCH ON RSCH MGMT	43	30.2	427,345	6,298,633	*	168,392
7000 RSCH EQUIP & TECHNOLOGY	120	32.2	424,422	4,313,992	*	138,935
9900 UNCLASSIFIED	1	0.0	100,000	100,000	*	0
TOTAL		6845.0	155,309,097	996,308,574	*	52,047,460

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 100						
101 APPRAIS OF SOIL RESOR	199	76.1	1,264,311	8,744,180	*	288,711
102 SOIL PLNT WTR NUTRI	697	227.8	4,774,090	30,309,188	*	1,545,470
103 MGMT OF SALINE SOILS	62	16.7	257,116	2,446,231	*	88,158
104 ALTERN USE OF LAND	180	51.3	1,175,204	5,460,468	*	539,519
105 CONSERV USE OF WATER	313	82.3	1,389,642	11,652,273	*	968,036
106 DRAIN AND IRRIGATION	154	45.9	829,445	5,399,453	*	422,545
107 WATERSHED PRCT & MGMT	162	52.2	1,139,610	7,094,438	*	914,029
108 ECON LEG PROB OF WAT	57	17.6	171,628	1,853,095	*	194,912
109 WEATHER ADAPT & MOD	141	48.7	983,690	7,350,357	*	208,451
110 APPRAIS FORST & RANGS	129	37.7	624,581	3,833,471	*	527,364
111 BIOL CULT MGMT FORSTS	283	86.3	2,535,139	12,087,056	*	618,494
112 IMPROV RANGE RESOR	174	59.3	733,619	7,498,877	*	654,255
113 REMOTE SENSING	42	10.0	130,666	1,516,978	*	51,298
114 RSCH ON MGMT OF RSCH	42	26.5	427,345	5,958,209	*	168,392
SUBTOTAL		838.4	16,436,088	111,204,275	*	7,189,641
SERIES 200						
201 CNTRL FORST INSECTS	123	33.8	963,731	4,507,215	*	587,812
202 CONTROL FOREST DIS	112	28.9	975,156	3,610,103	*	165,360
203 FOREST FIRE PROTECT	12	2.4	18,367	193,175	*	33,453
204 CNTR PESTS FRT & VEGS	427	122.9	2,222,031	18,490,124	*	1,060,821
205 CNTR DISE FRT & VEG	746	228.6	4,341,199	30,457,180	*	1,570,616
206 CNTR WEEDS FRT & VEG	171	43.9	874,308	6,028,289	*	388,275
207 CNTR PESTS FLD CROPS	589	196.7	4,885,852	26,195,463	*	1,703,480
208 CNTR DIS FIELD CROPS	761	217.3	4,906,652	30,110,387	*	2,040,620
209 CNTR WEEDS FLD CROPS	343	108.6	2,332,501	16,550,325	*	843,264
210 CONTR PESTS ANIMALS	141	34.0	953,335	4,865,181	*	536,789
211 CONTR DIS ANIMALS	773	282.3	8,035,059	43,167,307	*	3,064,833
212 CNTR INTER PARASITES	108	29.0	784,947	4,774,492	*	427,389
213 PROT ANMLS FROM TOXINS	133	41.0	930,703	6,170,170	*	418,039
214 PROTECT FROM POLLUTION	206	47.1	1,070,227	8,653,017	*	1,571,651
SUBTOTAL		1416.7	33,294,067	203,772,428	*	14,412,407
SERIES 300						
301 GENET BREED FORST TRE	97	35.4	1,091,042	4,926,808	*	118,168
302 IMP FOREST ENG SYS	27	10.0	186,040	1,411,056	*	258,701
303 ECON TIMBER PRODUCTN	47	15.8	362,589	1,972,744	*	133,688
304 IMP BIO EFF FRT & VEGS	1035	332.1	6,657,081	46,412,773	*	1,670,830
305 MECH PROD FRT & VEGS	115	30.9	801,402	3,871,380	*	36,531
306 PROD MGMT SYS F & V	123	20.4	461,392	2,880,394	*	122,517
307 IMP BIC EFF FLD CRP	1484	604.1	12,058,056	92,547,461	*	4,124,919
308 MECH PROD FIELD CROPS	92	26.9	655,299	4,253,321	*	142,533
309 PROD MGMT SYS FLD CRP	354	80.6	1,933,567	12,589,540	*	223,774
310 ANIMAL REPRODUCTICN	476	171.9	6,645,448	35,358,673	*	815,146
311 IMP BIO EFF ANML PR	1171	462.5	15,483,147	106,913,729	*	2,004,375
312 ENV STRESS IN ANML PR	185	46.7	1,491,160	7,892,659	*	100,501
313 PROD MGMT SYS ANML PR	315	68.1	2,053,369	13,195,142	*	152,594
314 BEES OTH POLLNTNG INS	38	15.4	263,729	1,773,224	*	211,289
315 IMP STRUC FARM SUPP	150	43.4	804,162	6,645,651	*	471,769
316 FARM BUSINESS MGMT	177	58.1	1,015,889	4,903,167	*	177,697
317 MECH/STRUCTS ANML PRD	64	17.4	368,517	2,451,002	*	15,963
318 NCN COM BIO TECH/ENGT	1201	463.3	6,401,281	70,637,941	*	4,451,028
SUBTOTAL		2503.1	58,731,169	420,636,667	*	15,232,431
SERIES 400						
401 NEW IMP FOREST PROD	128	68.1	1,300,577	8,153,272	*	650,517
402 PROD F & V IMP ACCEPT	269	53.0	906,937	7,828,728	*	407,505
403 NEW & IMP F & V PROD	194	56.8	1,264,032	6,995,005	*	120,309
404 MKT QUAL FRTS & VEGS	166	53.6	1,499,457	6,397,307	*	94,400
405 PROD FLD CROP IMP ACPT	270	81.8	1,872,657	13,284,962	*	579,879
406 NEW IMP FOOD FLD CROP	121	35.7	864,236	4,663,750	*	43,273
407 NEW IMP NON FOOD FC	116	33.7	563,897	4,944,158	*	573,843
408 MKT QUAL FIELD CROPS	92	24.2	552,149	2,601,503	*	165,741
409 PROD ANML PR IMP ACCP	144	34.6	1,583,639	6,322,823	*	164,093
410 IMP MEAT MILK EGG PR	254	81.9	2,461,785	10,807,772	*	80,312
411 IMP NON FOOD ANML PR	25	5.8	157,869	735,608	*	143,907
412 MKT QUAL ANIMAL PROD	104	27.7	869,797	3,876,577	*	104,791
SUBTOTAL		556.7	13,897,033	76,611,467	*	3,128,574
SERIES 500						
501 IMP GRADES & STANDS	47	13.4	396,674	1,873,405	*	36,998
502 MKTG TIMBER PRODUCTS	32	7.7	170,198	919,850	*	263,929
503 MKTG EFF AGRI PRODS	178	54.0	1,385,757	4,970,564	*	213,464
506 SPLY DEMAND AND PRIC	182	54.7	1,580,062	5,547,547	*	311,993
507 COMP REL IN AGRIC	63	14.4	389,225	1,510,856	*	95,973
508 DOMESTIC MKT DEVELP	31	6.4	116,814	669,773	*	13,266
509 PERFORMANCE MKTG SYS	152	60.5	1,550,260	5,122,846	*	304,464
510 GROUP ACT MKT POWER	21	3.1	81,761	345,191	*	45,065
511 IMP AGRIC STATISTICS	30	8.7	107,075	1,987,742	*	1,053,986
512 IMP GRADES FRST PROD	11	2.9	78,411	289,242	*	46,632
513 PRICE ANAL FRST PROD	20	5.6	84,603	448,396	*	38,991
SUBTOTAL		231.5	5,940,839	23,685,412	*	2,424,765
SERIES 600						
601 FGN MKT DEVELP	55	15.0	468,905	1,791,978	*	134,651
602 EVAL FGN FOOD AID PGM	4	0.3	7,270	28,437	*	3,177
603 TECH AID DEV CRTY	58	30.2	18,917	1,880,177	*	151,860
604 PRD DVLPMT/MKTG FRGN	15	1.5	21,651	201,601	*	13,847
SUBTOTAL		47.0	516,743	3,902,193	*	303,536
SERIES 700						
701 TOX RES IN FOOD	156	55.8	1,299,544	7,446,258	*	1,981,137
702 FOOD PROT FROM TOX	178	64.1	1,634,200	10,023,343	*	299,620
703 FOOD CONSUMP HABITS	121	32.1	756,332	3,834,505	*	620,429
704 HOME CONM FOOD SERV	51	13.5	377,703	1,401,703	*	32,769
705 SEL CARE CLOTH & TEXTL	55	14.2	256,758	1,242,838	*	12,716
706 CONTR INSECTS AFF MAN	125	43.9	745,740	5,006,958	*	208,804
707 TRANS ANIML MAN DIS	22	6.4	64,447	1,114,404	*	2,649
708 HUMAN NUTRITION	378	120.3	2,607,778	17,642,120	*	1,898,149
709 REDUCE HAZ HLTH & SFTY	57	12.9	271,149	1,491,714	*	40,243
SUBTOTAL		363.2	8,053,691	49,203,842	*	5,096,519

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 800						
801 RURAL HOUSING	62	13.4	339,980	1,266,691	*	1,749
802 INDIV & FAM DEC MAKING	176	43.4	958,752	4,410,068	*	53,012
803 RURAL POVERTY	25	4.2	131,829	310,535	*	19,054
804 ECON POTENT RURL PEO	75	16.8	306,760	1,390,275	*	52,091
805 COMMUNICAT EDUC PROC	115	32.5	315,610	3,381,477	*	20,811
806 ADJUSTMENT TO CHANGE	162	53.4	1,281,051	5,232,023	*	41,097
807 AGRIC ECONOMIC CHANGE	149	49.7	1,046,305	5,073,851	*	372,779
808 GOV T PROGRAMS	47	10.3	187,458	1,200,036	*	176,842
SUBTOTAL		223.8	4,567,745	22,264,956	*	737,438
SERIES 900						
901 ALLEV POLLUTION	469	143.7	3,380,341	21,054,545	*	998,201
902 OUTDOOR RECREATION	106	32.7	718,493	3,814,740	*	234,671
903 MULTI USE FOREST POTEN	77	24.5	424,182	2,145,913	*	119,785
904 WLDLFE AND FISH ECOL	479	153.1	2,311,941	23,356,482	*	1,084,011
905 TREES BEAUTIFICATION	78	19.7	308,028	2,401,357	*	110,929
906 ORNAMENT & TURF DEV	580	211.0	4,086,079	24,523,633	*	400,221
907 RURAL INCOME IMP	99	29.8	1,106,932	2,886,318	*	225,018
908 RURAL INSTITUT IMP	188	49.9	1,435,725	4,744,345	*	349,306
990 UNCLASSIFIED	1	0.0	100,000	100,000	*	0
SUBTOTAL		664.5	13,871,722	85,027,333	*	3,522,145
SCIENCE IN SERV OF MAN						
GRAND TOTAL		6845.0	155,309,097	996,308,574	*	52,047,460

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- ALABAMA AUBURN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	5	4.4	93,335	631,625	*	5,500
0200 WATER	6	1.5	41,555	193,431	*	611
0300 WATERSHEDS RIVER BAS	1	0.1	0	21,415	*	0
0500 RECREATION RESOURCES	1	0.2	2,585	7,172	*	0
0600 TIMBER FORST PRODUCT	27	15.7	424,824	1,596,832	*	47,864
0800 WILDLIFE AND FISH	26	8.4	148,745	1,734,726	*	131,451
1000 FRUIT NUTS DECIDUOUS	11	4.2	165,722	715,441	*	10,897
1100 POTATOES	4	0.7	18,251	96,528	*	0
1200 VEGETABLES	11	4.1	137,374	482,162	*	7,662
1300 ORNAMENTALS TURF	8	5.7	128,126	686,007	*	0
1400 CORN	10	2.5	102,526	340,070	*	0
1500 GRAIN SORGHUM	5	1.0	21,607	171,742	*	7,630
1700 WHEAT	2	0.6	4,620	108,977	*	5,137
1800 OTHER SMALL GRAINS	2	0.3	5,658	18,243	*	0
1900 PASTURE	1	0.1	1,870	3,876	*	0
2000 FORAGE CROPS	7	6.8	114,679	726,471	*	41,246
2100 COTTON	14	4.2	161,120	706,504	*	4,030
2200 COTTONSEED	1	0.1	6,109	10,855	*	0
2300 SOYBEANS	19	9.8	249,983	1,356,336	*	45,337
2400 PEANUTS	10	4.6	123,607	795,275	*	0
2500 OTHER OILSEED CROPS	3	1.1	27,072	170,030	*	0
2900 POULTRY	17	8.3	308,253	1,153,728	*	1,089
3000 BEEF CATTLE	30	14.6	411,184	2,909,370	*	191,382
3100 DAIRY CATTLE	18	4.3	198,247	803,306	*	110,021
3200 SWINE	18	8.4	406,922	2,518,841	*	74,245
3400 OTHER ANIMALS	2	0.4	3,256	60,646	*	0
3700 CLOTHING & TEXTILES	2	0.7	23,991	63,188	*	0
3800 FOOD	5	1.0	28,947	89,105	*	2,801
3900 HOUSING & EQUIP	3	1.5	35,638	144,424	*	12,600
4000 PEOPLE AS INDIVIDUALS	5	2.9	88,110	177,519	*	0
4100 FAMILY MEMBERS	1	0.1	6,896	14,891	*	0
4200 FARM AS BUSINESS	5	2.5	74,980	177,707	*	2,233
4300 SOC POLIT ORGANIZ	2	0.9	37,266	68,097	*	0
4400 AGRIC ECONOMY U S	3	1.1	32,706	71,066	*	2,233
4700 OTH MARKET PROCESS	1	0.2	4,171	11,385	*	0
4800 MARKETING SYSTEMS	2	0.3	19,771	42,465	*	0
6100 WEEDS	2	0.4	14,438	65,178	*	5
6200 SEED RESEARCH	1	0.1	10,910	17,263	*	5
6500 INVERTEBRATES	3	0.9	12,400	109,715	*	18,037
6600 MICROORGANISMS VIRUSES	2	0.1	1,614	20,139	*	0
6700 PLANTS	6	1.1	27,755	102,725	*	20,627
6800 ANIMALS(VERTEBRATES)	4	0.6	14,529	60,607	*	838
TOTAL		126.6	3,737,355	19,255,082	*	743,491

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- ALASKA FAIRBANKS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	6	1.1	163,167	477,435	*	24,854
0300 WATERSHEDS RIVER BAS	1	0.1	6,050	21,609	*	0
0400 AIR AND CLIMATE	2	0.4	16,978	60,668	*	0
0500 RECREATION RESOURCES	1	0.2	12,019	12,019	*	0
0600 TIMBER FORST PRODUCT	1	0.3	125,495	355,523	*	0
0700 RANGE	1	0.0	9,102	43,705	*	0
0800 WILDLIFE AND FISH	1	0.1	15,053	15,053	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.2	35,280	67,178	*	0
1100 POTATOES	1	0.1	0	4,718	*	0
1200 VEGETABLES	2	0.3	80,292	155,260	*	0
1300 ORNAMENTALS TURF	1	0.1	15,169	72,842	*	0
1700 WHEAT	3	0.2	11,948	97,220	*	0
1800 OTHER SMALL GRAINS	8	0.8	51,965	345,170	*	12,427
1900 PASTURE	1	0.0	9,102	43,705	*	0
2000 FORAGE CROPS	4	1.3	62,970	300,351	*	0
2500 OTHER OILSEED CROPS	5	0.7	45,069	101,118	*	12,427
2800 MISC NEW CROPS	1	0.0	1,555	1,555	*	0
3000 BEEF CATTLE	1	0.2	11,971	27,338	*	0
3100 DAIRY CATTLE	3	0.1	207,621	1,162,997	*	0
3200 SWINE	2	0.6	103,539	199,093	*	0
3900 HOUSING & EQUIP	1	0.1	0	15,947	*	0
4200 FARM AS BUSINESS	1	0.3	17,413	39,764	*	0
6700 PLANTS	2	0.4	33,957	60,050	*	2,500
6800 ANIMALS(VERTEBRATES)	2	0.2	16,978	31,275	*	2,500
TOTAL		7.8	1,056,693	3,711,590	*	54,709

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- AMERICAN SAMOA PAGO PAGO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
9900 UNCLASSIFIED	1	0.0	100,000	100,000	*	0
TOTAL		0.0	100,000	100,000	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- ARIZONA TUCSON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	35	14.3	133,665	1,206,658	*	379,288
0200 WATER	29	10.7	137,467	1,005,326	*	94,533
0300 WATERSHEDS RIVER BAS	4	1.6	4,421	189,563	*	27,597
0400 AIR AND CLIMATE	1	0.1	1,882	27,388	*	0
0500 RECREATION RESOURCES	7	2.4	38,680	329,052	*	35,306
0600 TIMBER FORST PRODUCT	15	4.8	42,444	443,550	*	115,594
0700 RANGE	20	7.9	44,216	1,047,741	*	163,518
0800 WILDLIFE AND FISH	8	2.1	25,929	381,311	*	16,585
0900 CITRUS SUB TROP FRUT	7	4.7	30,470	494,411	*	10,988
1000 FRUIT NUTS DECIDUCUS	6	2.0	37,175	184,746	*	21,261
1100 POTATOES	4	0.3	5,064	62,823	*	8,666
1200 VEGETABLES	23	10.4	115,010	1,402,617	*	41,152
1300 ORNAMENTALS TURF	11	3.3	28,556	384,737	*	0
1400 CORN	1	0.0	0	5,389	*	0
1500 GRAIN SORGHUM	3	0.8	16,581	134,072	*	0
1700 WHEAT	8	1.6	14,798	237,944	*	4,281
1800 OTHER SMALL GRAINS	7	1.6	25,331	220,779	*	0
2000 FORAGE CROPS	14	4.5	66,579	482,600	*	0
2100 COTTON	27	15.4	252,927	1,691,401	*	114,172
2200 COTTONSEED	3	1.2	41,375	301,871	*	75,929
2300 SOYBEANS	2	0.1	198	15,355	*	0
2500 OTHER OILSEED CROPS	1	0.0	198	6,372	*	0
2700 SUGAR CROPS	3	0.8	943	96,164	*	0
2800 MISC NEW CROPS	19	4.0	278,294	855,485	*	135,561
2900 POULTRY	8	2.8	31,093	333,782	*	0
3000 BEEF CATTLE	23	8.9	154,339	1,123,072	*	7,158
3100 DAIRY CATTLE	18	6.6	126,172	960,954	*	18,192
3200 SWINE	8	1.7	17,025	248,581	*	62,898
3300 SHEEP AND WOOL	2	0.1	1,576	14,099	*	0
3400 OTHER ANIMALS	8	2.6	25,419	265,884	*	0
3700 CLOTHING & TEXTILES	3	0.5	8,878	29,800	*	0
3800 FOOD	2	0.2	5,615	36,455	*	0
3900 HOUSING & EQUIP	7	1.3	7,396	68,560	*	0
4000 PEOPLE AS INDIVIDUALS	18	2.6	21,314	440,494	*	0
4100 FAMILY MEMBERS	13	3.1	40,793	236,714	*	0
4200 FARM AS BUSINESS	5	3.5	7,993	219,459	*	33,139
4300 SOC POLIT ORGANIZ	6	1.5	10,501	65,089	*	118
4400 AGRIC ECONOMY U S	2	0.6	5,475	57,211	*	22,740
4500 AGRIC ECONOMY FORGN	2	0.1	2,303	18,356	*	4,852
6100 WEEDS	1	0.6	19,742	84,898	*	0
6300 BIO CELL SYSTEMS	3	0.5	38,012	335,467	*	0
6400 EXP DESIGN/STAT METHOD	1	0.1	0	65,142	*	0
6500 INVERTEBRATES	7	3.1	29,484	413,490	*	3,588
6600 MICROORGANISMS VIRUSES	5	2.0	36,850	254,948	*	63,812
6700 PLANTS	9	1.9	33,960	213,250	*	77,868
6800 ANIMALS(VERTEBRATES)	12	7.5	76,587	1,430,288	*	13,234
6900 RESEARCH ON RSCH MGMT	2	0.8	971	30,844	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.0	0	27,108	*	27,108
TOTAL		147.3	2,043,701	18,185,303	*	1,379,146

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- ARKANSAS FAYETTEVILLE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	27	5.7	90,449	1,089,723	*	62,215
0200 WATER	19	3.7	64,902	494,773	*	26,693
0300 WATERSHEDS RIVER BAS	8	0.3	17,987	78,812	*	17,733
0400 AIR AND CLIMATE	5	0.1	6,706	30,145	*	7,617
0500 RECREATION RESOURCES	1	0.0	0	276	*	0
0600 TIMBER FORST PRODUCT	34	10.6	318,577	1,029,954	*	149,932
0700 RANGE	2	0.2	4,521	7,010	*	0
0800 WILDLIFE AND FISH	5	0.7	13,801	77,681	*	0
1000 FRUIT NUTS DECIDUCUS	31	5.0	216,498	931,959	*	9,899
1100 POTATOES	1	0.0	0	7,765	*	0
1200 VEGETABLES	33	6.8	270,057	928,888	*	10,357
1300 ORNAMENTALS TURF	7	1.6	28,430	178,281	*	0
1400 CORN	8	1.0	27,383	132,238	*	1,883
1500 GRAIN SORGHUM	10	1.1	21,111	155,882	*	938
1600 RICE	24	6.8	134,079	1,490,133	*	35,161
1700 WHEAT	13	1.6	44,591	394,721	*	2,859
1800 OTHER SMALL GRAINS	4	0.6	14,389	121,476	*	0
1900 PASTURE	6	0.4	16,449	146,532	*	944
2000 FORAGE CROPS	17	1.2	22,042	278,856	*	37,335
2100 COTTON	29	8.7	206,325	1,443,023	*	47,738
2300 SOYBEANS	50	13.0	351,846	2,678,242	*	40,088
2400 PEANUTS	1	0.1	0	30,949	*	0
2800 MISC NEW CROPS	3	0.4	21,125	41,483	*	0
2900 POULTRY	38	9.9	428,262	1,749,037	*	17,831
3000 BEEF CATTLE	35	6.2	247,819	1,346,667	*	152,023
3100 DAIRY CATTLE	20	2.9	177,236	768,102	*	3,546
3200 SWINE	17	1.6	73,648	400,407	*	3,582
3300 SHEEP AND WOOL	6	0.6	26,429	103,159	*	0
3400 OTHER ANIMALS	11	1.1	31,755	164,200	*	0
3600 FARM SUPP & FACILITS	1	0.2	7,103	8,184	*	0
3700 CLOTHING & TEXTILES	3	1.2	12,125	54,629	*	0
3800 FOOD	4	0.9	5,259	83,692	*	0
3900 HOUSING & EQUIP	7	3.2	26,189	293,892	*	0
4000 PEOPLE AS INDIVIDUALS	9	1.4	38,859	191,541	*	73,387
4100 FAMILY MEMBERS	9	1.9	28,604	133,123	*	0
4200 FARM AS BUSINESS	4	0.3	13,122	32,206	*	3,457
4300 SOC POLIT ORGANIZ	4	2.1	91,356	191,536	*	15,685
4600 FARM COOPERATIVES	2	0.3	12,139	18,684	*	775
4700 OTH MARKET PROCESS	2	0.3	12,139	18,684	*	775
4800 MARKETING SYSTEMS	2	0.2	9,132	15,010	*	710
6400 EXP DESIGN/STAT METHOD	1	0.5	2,014	103,053	*	0
6500 INVERTEBRATES	5	1.1	29,467	95,102	*	0
6600 MICROORGANISMS VIRUSES	10	1.5	51,318	212,795	*	21,656
6700 PLANTS	9	1.1	36,276	373,484	*	281,631
6800 ANIMALS(VERTEBRATES)	4	0.4	11,354	76,318	*	20,121
7000 RSCH EQUIP & TECHNOLOGY	2	0.2	1,243	17,312	*	0
TOTAL		108.8	3,264,117	18,219,582	*	1,046,783

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- CALIFORNIA BERKELEY SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	93	27.6	208,883	4,264,672	*	141,252
0200 WATER	56	16.9	133,125	3,659,103	*	106,003
0300 WATERSHEDS RIVER BAS	9	1.5	10,064	158,236	*	9,685
0400 AIR AND CLIMATE	17	5.0	34,807	670,871	*	279
0500 RECREATION RESOURCES	9	2.4	18,657	220,847	*	0
0600 TIMBER FORST PRODUCT	92	34.3	457,789	4,128,897	*	137,801
0700 RANGE	32	9.5	45,666	1,217,848	*	70,233
0800 WILDLIFE AND FISH	63	17.8	112,497	2,754,219	*	82,342
0900 CITRUS SUB TROP FRUT	69	26.2	224,895	5,180,759	*	24,126
1000 FRUIT NUTS DECIDUOUS	128	46.9	328,548	8,419,414	*	371,693
1100 POTATOES	11	3.8	21,951	584,216	*	5,330
1200 VEGETABLES	126	36.1	284,377	6,492,330	*	274,037
1300 ORNAMENTIALS TURF	45	14.1	90,206	2,219,644	*	36,230
1400 CORN	17	4.0	23,624	806,913	*	47,277
1500 GRAIN SORGHUM	6	1.1	7,043	191,189	*	2,068
1600 RICE	18	4.0	27,576	662,243	*	29,577
1700 WHEAT	17	3.9	41,195	738,383	*	13,006
1800 OTHER SMALL GRAINS	21	3.7	30,098	748,879	*	11,301
1900 PASTURE	5	0.6	6,208	109,039	*	3,781
2000 FORAGE CROPS	48	11.7	131,558	2,092,559	*	67,487
2100 COTTON	42	13.9	150,441	1,974,991	*	43,195
2300 SOYBEANS	9	2.6	23,895	421,078	*	22,979
2400 PEANUTS	2	0.1	0	16,523	*	9,514
2500 OTHER OILSEED CROPS	13	3.3	54,768	853,447	*	86,463
2700 SUGAR CROPS	8	1.6	17,435	205,855	*	0
2800 MISC NEW CROPS	5	1.8	108,072	260,638	*	11
2900 POULTRY	43	13.6	146,432	2,084,764	*	89,022
3000 BEEF CATTLE	61	17.9	243,711	2,526,601	*	195,663
3100 DAIRY CATTLE	49	13.5	141,552	1,717,114	*	259,456
3200 SWINE	8	2.2	16,044	190,106	*	3,566
3300 SHEEP AND WOOL	30	5.2	73,417	810,443	*	90,465
3400 OTHER ANIMALS	31	10.6	89,646	1,932,211	*	5,383
3500 BEES AND HONEY	6	3.5	32,899	457,385	*	6,394
3600 FARM SUPP & FACILITS	2	0.5	4,500	54,320	*	0
3700 CLOTHING & TEXTILES	9	2.6	18,171	270,602	*	12,716
3800 FOOD	49	15.0	155,292	2,771,556	*	686,497
3900 HOUSING & EQUIP	9	2.5	8,105	302,052	*	61,858
4000 PEOPLE AS INDIVIDUALS	76	26.4	190,301	3,325,326	*	543,032
4100 FAMILY MEMBERS	10	2.6	22,870	308,472	*	0
4200 FARM AS BUSINESS	11	2.8	32,008	273,250	*	1,366
4300 SOC POLIT ORGANIZ	18	3.1	21,862	323,968	*	0
4400 AGRIC ECONOMY U S	12	2.2	29,781	362,567	*	17,546
4500 AGRIC ECONOMY FORGN	5	0.6	1,313	61,955	*	1,377
4600 FARM COOPERATIVES	3	0.4	8,338	50,716	*	2,058
4700 OTH MARKET PROCESS	2	0.6	3,779	83,261	*	18,451
4800 MARKETING SYSTEMS	7	0.7	7,587	91,010	*	15,205
6100 WEEDS	2	0.2	847	12,178	*	0
6200 SEED RESEARCH	4	2.3	0	333,260	*	0
6300 BIO CELL SYSTEMS	40	21.2	56,323	3,337,208	*	194,760
6400 EXP DESIGN/STAT METHOD	14	4.3	14,750	446,503	*	9,317
6500 INVERTEBRATES	71	34.5	205,501	4,667,818	*	15,596
6600 MICROORGANISMS VIRUSES	36	10.5	75,222	2,216,346	*	173,685
6700 PLANTS	147	48.1	402,983	8,172,286	*	1,076,345
6800 ANIMALS(VERTEBRATES)	73	20.1	105,053	3,347,609	*	11,712
6900 RESEARCH ON RSCH EQMT	7	0.7	128,954	2,746,259	*	1,863
7000 RSCH EQUIP & TECHNOLOGY	10	3.0	14,523	341,198	*	1,382
TOTAL		566.0	4,845,147	92,671,141	*	5,090,404

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- COLORADO FT COLLINS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	29	12.5	159,964	1,501,243	*	171,448
0200 WATER	31	21.1	125,319	2,051,318	*	416,167
0300 WATERSHEDS RIVER BAS	9	6.5	0	850,722	*	95,304
0400 AIR AND CLIMATE	5	9.7	21,662	1,265,411	*	50,557
0500 RECREATION RESOURCES	4	1.6	57,754	110,115	*	1,921
0600 TIMBER FORST PRODUCT	18	6.3	152,948	994,033	*	161,408
0700 RANGE	12	11.7	116,723	1,441,539	*	464,930
0800 WILDLIFE AND FISH	6	2.0	0	217,712	*	5,545
1000 FRUIT NUTS DECIDUOUS	8	3.5	94,367	472,276	*	987
1100 POTATOES	8	4.9	104,086	322,868	*	6,639
1200 VEGETABLES	14	7.8	167,064	547,022	*	7,523
1300 ORNAMENTALS TURF	6	3.8	32,341	323,942	*	20,004
1400 CORN	8	2.7	41,761	360,770	*	7,317
1500 GRAIN SORGHUM	2	0.5	9,548	48,317	*	0
1600 RICE	1	0.2	0	9,637	*	0
1700 WHEAT	10	6.3	14,736	608,941	*	9,012
1800 OTHER SMALL GRAINS	8	3.7	62,745	298,355	*	72,451
2000 FORAGE CROPS	11	13.8	136,718	1,690,355	*	43,528
2200 COTTONSEED	1	0.0	1,291	2,393	*	0
2300 SOYBEANS	6	0.6	34,600	62,178	*	4,337
2400 PEANUTS	1	0.0	1,291	2,393	*	0
2500 OTHER OILSEED CROPS	2	0.0	3,212	5,669	*	0
2700 SUGAR CROPS	5	0.9	8,934	91,118	*	68,001
2900 POULTRY	3	0.7	26,132	39,099	*	0
3000 BEEF CATTLE	24	20.6	541,772	2,194,138	*	141,500
3100 DAIRY CATTLE	6	0.3	25,875	54,426	*	0
3200 SWINE	5	0.5	54,501	56,959	*	0
3300 SHEEP AND WOOL	7	3.0	116,529	381,385	*	0
3400 OTHER ANIMALS	4	0.4	14,290	43,553	*	0
3600 FARM SUPP & FACILITS	1	0.1	3,337	8,372	*	0
3800 FOOD	3	3.4	45,067	249,216	*	66,039
3900 HOUSING & EQUIP	2	0.4	2,171	51,739	*	0
4000 PEOPLE AS INDIVIDUALS	4	0.4	15,299	28,777	*	0
4100 FAMILY MEMBERS	5	5.5	41,100	644,488	*	0
4200 FARM AS BUSINESS	3	1.5	26,095	126,672	*	40,787
4300 SOC POLIT ORGANIZ	11	2.0	27,473	171,395	*	0
4400 AGRIC ECONOMY U S	2	1.1	38,749	123,570	*	37,948
4600 FARM COOPERATIVES	1	0.0	0	45	*	0
4700 OTH MARKET PROCESS	1	0.0	0	45	*	0
[illegible] WEEDS	2	0.9	14,051	74,034	*	33,199
[illegible] 0 SOLID RESEARCH	2	1.4	5,621	250,355	*	107,029
6300 BIO CELL SYSTEMS	1	0.3	0	22,019	*	0
6600 MICROORGANISMS VIRUSES	1	0.1	3,409	9,308	*	4,337
6700 PLANTS	13	7.3	135,517	1,053,226	*	276,257
6800 ANIMALS(VERTEBRATES)	5	24.6	100,394	4,637,791	*	13,795
6900 RESEARCH ON RSCH MGMT	1	0.2	0	11,744	*	21
7000 RSCH EQUIP & TECHNOLOGY	3	0.7	13,186	133,426	*	29,132
TOTAL		195.5	2,597,630	23,644,112	*	2,357,135

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- CONNECTICUT NEW HAVEN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	5	1.5	9,077	154,354	*	0
0200 WATER	4	0.8	13,580	78,380	*	0
0300 WATERSHEDS RIVER BAS	5	2.4	120,268	247,887	*	0
0600 TIMBER FORST PRODUCT	10	6.0	151,102	540,233	*	0
1000 FRUIT NUTS DECIDUOUS	10	4.8	90,700	438,767	*	0
1100 POTATOES	2	1.1	8,368	86,885	*	0
1200 VEGETABLES	7	2.7	37,254	230,116	*	0
1300 ORNAMENTALS TURF	8	1.7	32,370	152,474	*	0
1400 CORN	4	0.9	10,234	72,775	*	0
1700 WHEAT	2	1.1	39,472	108,787	*	0
1800 OTHER SMALL GRAINS	1	0.4	23,580	29,419	*	0
2000 FORAGE CROPS	1	0.0	0	1,468	*	0
2300 SOYBEANS	2	0.4	25,028	31,954	*	0
2600 TOBACCO	8	5.5	152,798	503,046	*	0
3100 DAIRY CATTLE	1	1.0	1,725	58,990	*	0
3400 OTHER ANIMALS	1	0.7	0	51,531	*	0
3700 CLOTHING & TEXTILES	1	0.2	0	17,177	*	0
3800 FOOD	1	0.6	22,059	59,338	*	0
4000 PEOPLE AS INDIVIDUALS	3	2.2	65,740	174,891	*	0
6600 MICROORGANISMS VIRUSES	1	0.1	175	11,032	*	0
6700 PLANTS	2	0.2	399	21,382	*	0
TOTAL		34.4	803,930	3,066,885	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- CONNECTICUT STORRS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	2	0.4	18,537	61,040	*	0
0200 WATER	2	0.5	3,246	34,463	*	0
0400 AIR AND CLIMATE	3	0.3	31,602	51,544	*	0
0500 RECREATION RESOURCES	1	0.3	4,880	29,751	*	0
0600 TIMBER FORST PRODUCT	2	1.2	20,376	121,083	*	0
0800 WILDLIFE AND FISH	2	0.9	0	117,175	*	0
1100 POTATOES	3	0.4	20,285	73,883	*	0
1200 VEGETABLES	6	1.7	40,949	184,743	*	0
1300 ORNAMENTALS TURF	2	1.0	32,521	99,231	*	0
1400 CORN	3	0.8	18,145	133,254	*	0
1800 OTHER SMALL GRAINS	1	0.6	33,195	43,983	*	0
2000 FORAGE CROPS	4	1.0	48,834	212,995	*	0
2600 TOBACCO	1	0.1	2,745	7,186	*	0
2900 POULTRY	11	3.4	175,478	803,828	*	0
3000 BEEF CATTLE	5	0.8	13,041	150,417	*	0
3100 DAIRY CATTLE	12	2.8	70,993	431,299	*	46,949
3200 SWINE	1	0.1	2,745	7,186	*	0
3300 SHEEP AND WOOL	3	0.5	9,120	80,360	*	0
3400 OTHER ANIMALS	10	2.8	110,762	507,105	*	0
3600 FARM SUPP & FACILITS	2	0.1	3,507	24,602	*	0
3800 FOOD	2	0.2	8,663	94,135	*	27,001
4000 PEOPLE AS INDIVIDUALS	8	3.1	100,976	441,249	*	0
4100 FAMILY MEMBERS	2	0.2	13,106	21,718	*	0
4300 SOC POLIT ORGANIZ	4	1.6	58,215	121,423	*	0
4400 AGRIC ECONOMY U S	1	0.1	2,745	7,186	*	0
6600 MICROORGANISMS VIRUSES	1	0.4	0	71,248	*	60,662
6700 PLANTS	2	0.3	16,239	56,909	*	5,105
6800 ANIMALS(VERTEBRATES)	1	0.1	6,813	27,703	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	1.0	34,284	134,219	*	0
TOTAL		26.9	902,004	4,150,922	*	139,717

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- DELAWARE NEWARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	7	1.2	30,499	96,272	*	0
0200 WATER	8	1.0	43,198	145,741	*	4,731
0300 WATERSHEDS RIVER BAS	1	0.0	0	1,620	*	0
0600 TIMBER FORST PRODUCT	3	1.2	48,612	116,437	*	0
0800 WILDLIFE AND FISH	3	0.7	17,714	90,362	*	0
1000 FRUIT NUTS DECIDUOUS	3	0.1	1,158	17,635	*	7,559
1100 POTATOES	2	0.7	25,428	55,344	*	0
1200 VEGETABLES	13	3.5	87,042	363,143	*	20,209
1300 ORNAMENTALS TURF	3	0.1	4,707	46,250	*	1,689
1400 CORN	17	3.9	140,247	428,579	*	0
1700 WHEAT	2	0.1	1,425	14,020	*	6,411
2300 SOYBEANS	15	2.5	50,940	256,252	*	1,905
2900 POULTRY	20	6.5	236,484	983,809	*	53,294
3000 BEEF CATTLE	2	0.0	1,425	61,920	*	0
3100 DAIRY CATTLE	5	0.9	206,715	395,492	*	0
3200 SWINE	3	0.9	20,444	207,387	*	2,598
3400 OTHER ANIMALS	1	0.0	0	27,667	*	0
3500 BEES AND HONEY	2	0.8	5,469	58,689	*	0
3600 FARM SUPP & FACILITS	4	0.8	13,140	116,095	*	0
3800 FOOD	1	0.2	31,541	31,541	*	0
4000 PEOPLE AS INDIVIDUALS	5	0.8	66,599	146,437	*	0
4300 SOC POLIT ORGANIZ	6	1.4	92,045	157,746	*	0
4400 AGRIC ECONOMY U S	2	0.2	0	20,016	*	0
6500 INVERTEBRATES	2	0.3	0	47,418	*	0
6600 MICROORGANISMS VIRUSES	1	0.2	0	41,299	*	0
6700 PLANTS	9	1.8	23,635	228,911	*	97,213
6800 ANIMALS(VERTEBRATES)	2	0.2	3,068	12,645	*	0
TOTAL		30.0	1,151,534	4,168,726	*	195,610

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- DIST OF COLUM WASHINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	2	0.4	30,337	30,337	*	0
1200 VEGETABLES	3	0.8	63,695	63,695	*	0
1400 CORN	1	0.1	8,340	8,340	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.1	11,638	11,638	*	0
6800 ANIMALS(VERTEBRATES)	1	0.1	11,638	11,638	*	0
TOTAL		1.6	125,648	125,648	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- FLORIDA GAINESVILLLE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	50	14.0	83,114	1,495,529	*	12,669
0200 WATER	60	15.0	55,253	1,641,511	*	29,730
0300 WATERSHEDS RIVER BAS	7	2.3	5,829	242,259	*	19,004
0400 AIR AND CLIMATE	4	1.2	2,394	158,578	*	0
0500 RECREATION RESOURCES	2	1.3	0	119,476	*	0
0600 TIMBER FORST PRODUCT	36	10.8	311,267	2,236,492	*	54,671
0700 RANGE	5	1.5	24,062	183,371	*	0
0800 WILDLIFE AND FISH	15	7.6	41,725	1,213,602	*	159,014
0900 CITRUS SUB TROP FRUT	88	47.5	221,619	5,593,791	*	265,246
1000 FRUIT NUTS DECIDUOUS	38	10.0	42,328	1,155,454	*	134,842
1100 POTATOES	8	1.5	3,446	165,359	*	0
1200 VEGETABLES	161	46.2	275,197	5,566,035	*	348,648
1300 ORNAMENTALS TURF	61	31.4	226,560	3,122,490	*	58,837
1400 CORN	43	6.6	56,394	841,512	*	41,669
1500 GRAIN SORGHUM	15	1.0	6,787	149,784	*	5,128
1600 RICE	2	0.7	3,348	74,875	*	57
1700 WHEAT	13	1.2	7,804	147,752	*	0
1800 OTHER SMALL GRAINS	12	0.9	7,530	105,081	*	0
1900 PASTURE	25	4.7	49,915	783,710	*	236,823
2000 FORAGE CROPS	78	19.1	202,923	2,126,815	*	100,184
2100 COTTON	2	0.1	1,919	16,936	*	0
2300 SOYBEANS	53	10.2	98,775	1,670,307	*	242,543
2400 PEANUTS	25	5.9	63,798	730,650	*	5,269
2500 OTHER OILSEED CROPS	2	0.3	181	26,900	*	0
2600 TOBACCO	10	1.6	5,810	185,263	*	70
2700 SUGAR CROPS	17	3.5	24,839	475,034	*	32,000
2800 MISC NEW CROPS	17	1.8	1,080	351,301	*	0
2900 POULTRY	18	7.1	44,116	815,283	*	2,601
3000 BEEF CATTLE	77	20.3	121,723	3,762,159	*	200,076
3100 DAIRY CATTLE	29	12.0	140,319	1,735,318	*	56,333
3200 SWINE	31	7.5	74,307	1,499,649	*	160,075
3300 SHEEP AND WOOL	8	2.1	264	312,403	*	66,046
3400 OTHER ANIMALS	19	9.3	116,547	926,546	*	22,351
3500 BEES AND HONEY	1	1.4	22,691	124,951	*	0
3600 FARM SUPP & FACILITS	1	0.3	0	18,950	*	0
3800 FOOD	23	5.4	44,142	898,668	*	37,787
3900 HOUSING & EQUIP	8	1.5	25,593	187,222	*	0
4000 PEOPLE AS INDIVIDUALS	10	5.3	14,225	975,231	*	31,996
4100 FAMILY MEMBERS	7	1.8	29,232	109,670	*	0
4200 FARM AS BUSINESS	8	2.6	4,275	195,607	*	2,141
4300 SOC POLIT ORGANIZ	8	2.9	21,927	301,010	*	49,941
4400 AGRIC ECONOMY U S	7	4.4	2,967	402,871	*	53,817
4500 AGRIC ECONOMY FORGN	1	0.1	400	4,251	*	0
4600 FARM COOPERATIVES	1	0.0	0	2,310	*	0
4700 OTH MARKET PROCESS	1	0.0	0	2,888	*	0
4800 MARKETING SYSTEMS	1	0.1	2,069	9,412	*	45
6100 WEEDS	10	4.5	28,629	473,873	*	1,888
6200 SEED RESEARCH	3	1.1	8,948	129,825	*	0
6300 BIO CELL SYSTEMS	11	2.5	490	498,852	*	50,171
6400 EXP DESIGN/STAT METHOD	3	0.4	0	130,561	*	0
6500 INVERTEBRATES	13	3.4	24,920	360,336	*	53,281
6600 MICROORGANISMS VIRUSES	25	6.1	49,804	1,060,670	*	37,918
6700 PLANTS	59	16.3	106,186	2,868,666	*	420,658
6800 ANIMALS(VERTEBRATES)	12	3.1	13,227	673,330	*	20,957
6900 RESEARCH ON RSCH MGMT	1	0.2	0	30,697	*	0
7000 RSCH EQUIP & TECHNOLOGY	9	1.2	6,951	320,756	*	334
TOTAL		370.7	2,727,852	49,411,832	*	3,014,833

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- GEORGIA ATHENS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	22	4.4	97,662	638,646	*	4,446
0200 WATER	11	1.9	34,898	432,157	*	13,730
0300 WATERSHEDS RIVER BAS	3	0.3	2,575	40,080	*	9,606
0600 TIMBER FORST PRODUCT	30	11.1	337,406	2,261,803	*	1,177
0700 RANGE	1	0.2	11,565	18,745	*	0
0800 WILDLIFE AND FISH	6	1.5	111,014	351,513	*	0
1000 FRUIT NUTS DECIDUOUS	47	15.5	337,517	2,469,194	*	59,788
1100 POTATOES	3	0.1	0	10,373	*	1,696
1200 VEGETABLES	54	20.5	402,928	3,374,646	*	154,241
1300 ORNAMENTALS TURF	21	6.4	145,825	907,958	*	12,407
1400 CORN	42	8.2	176,922	1,420,992	*	42,437
1500 GRAIN SORGHUM	20	4.2	111,840	625,819	*	2,522
1700 WHEAT	21	3.9	117,215	592,467	*	8,052
1800 OTHER SMALL GRAINS	11	2.3	62,373	335,285	*	37,656
1900 PASTURE	5	0.6	8,465	147,873	*	2,039
2000 FORAGE CROPS	34	6.9	229,282	1,760,921	*	53,477
2100 COTTON	15	3.0	69,884	613,882	*	12,944
2200 COTTONSEED	2	0.1	269	46,481	*	9,660
2300 SOYBEANS	44	8.6	260,879	1,625,140	*	148,544
2400 PEANUTS	32	7.6	82,876	1,326,286	*	67,191
2500 OTHER OILSEED CROPS	2	0.2	3,081	49,061	*	0
2600 TOBACCO	9	2.4	17,939	465,871	*	26,239
2700 SUGAR CROPS	2	0.2	6,607	36,236	*	1,433
2800 MISC NEW CROPS	3	0.1	11,730	22,896	*	2,459
2900 POULTRY	41	11.9	178,382	2,268,207	*	74,434
3000 BEEF CATTLE	37	9.9	354,734	3,440,205	*	15,423
3100 DAIRY CATTLE	20	7.6	258,575	2,273,632	*	85
3200 SWINE	16	5.5	142,967	1,147,610	*	10,662
3300 SHEEP AND WOOL	2	0.2	2,861	31,036	*	0
3400 OTHER ANIMALS	2	0.4	997	68,218	*	9,660
3500 BEES AND HONEY	2	0.6	775	158,215	*	108,180
3600 FARM SUPP & FACILITS	3	0.7	2,909	131,988	*	65
3700 CLOTHING & TEXTILES	1	0.2	0	25,483	*	0
3800 FOOD	13	6.0	177,423	799,136	*	17,763
3900 HOUSING & EQUIP	8	2.0	22,580	204,654	*	3,817
4000 PEOPLE AS INDIVIDUALS	6	1.1	20,973	146,742	*	286
4100 FAMILY MEMBERS	3	1.0	30,332	114,594	*	0
4200 FARM AS BUSINESS	11	1.8	34,864	233,332	*	789
4300 SOC POLIT ORGANIZ	6	1.0	26,385	109,937	*	0
4400 AGRIC ECONOMY U S	4	1.0	13,534	100,064	*	2,764
4600 FARM COOPERATIVES	1	0.2	1,400	12,300	*	0
4700 OTH MARKET PROCESS	1	0.1	700	6,150	*	0
6100 WEEDS	1	0.0	52	4,195	*	0
6400 EXP DESIGN/STAT METHOD	2	0.4	227	39,923	*	98
6500 INVERTEBRATES	6	1.9	46,466	419,473	*	15,741
6600 MICROORGANISMS VIRUSES	6	0.8	35,397	138,934	*	10,659
6700 PLANTS	28	10.0	184,669	1,623,306	*	45,516
6800 ANIMALS(VERTEBRATES)	3	0.6	15,247	237,110	*	0
6900 RESEARCH ON RSCH MGMT	1	0.1	328	16,378	*	1,579
7000 RSCH EQUIP & TECHNOLOGY	2	0.3	6,920	53,334	*	0
TOTAL		175.8	4,200,738	33,378,483	*	989,280

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- GUAM AGANA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	2	0.8	72,069	133,175	*	0
0200 WATER	1	0.2	17,036	31,373	*	0
0600 TIMBER FORST PRODUCT	1	1.0	53,794	53,794	*	0
0800 WILDLIFE AND FISH	1	0.1	35,335	62,480	*	0
0900 CITRUS SUB TROP FRUT	6	1.6	97,244	157,880	*	0
1000 FRUIT NUTS DECIDUOUS	2	0.1	5,867	8,774	*	0
1200 VEGETABLES	12	3.5	176,556	332,193	*	45,146
1300 ORNAMENTALS TURF	2	1.4	55,867	109,508	*	0
1400 CORN	1	0.4	0	23,150	*	23,149
1800 OTHER SMALL GRAINS	1	0.1	10,900	19,346	*	0
2000 FORAGE CROPS	1	0.3	25,434	45,142	*	0
2800 MISC NEW CROPS	4	0.4	21,394	48,014	*	10,232
2900 POULTRY	1	0.4	27,526	51,369	*	0
3200 SWINE	1	0.4	27,526	51,369	*	0
3400 OTHER ANIMALS	1	0.1	6,117	11,415	*	0
4300 SOC POLIT ORGANIZ	1	0.0	0	20,169	*	20,169
TOTAL		10.9	636,665	1,159,152	*	98,697

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- HAWAII HONOLULU SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	22	4.5	66,799	468,973	*	176,509
0200 WATER	12	1.3	47,300	168,813	*	6,206
0400 AIR AND CLIMATE	1	0.0	0	1,220	*	11
0500 RECREATION RESOURCES	1	0.2	0	23,017	*	0
0600 TIMBER FORST PRODUCT	11	1.7	57,960	221,084	*	33,842
0700 RANGE	5	1.9	23,289	126,844	*	0
0800 WILDLIFE AND FISH	9	3.9	27,055	436,010	*	0
0900 CITRUS SUB TROP FRUT	55	14.4	225,745	1,553,620	*	126,417
1000 FRUIT NUTS DECIDUOUS	17	3.5	65,259	489,865	*	8,580
1200 VEGETABLES	57	15.0	81,859	1,984,443	*	334,367
1300 ORNAMENTALS TURF	29	9.0	156,627	960,592	*	55,881
1400 CORN	9	1.9	25,400	247,394	*	4,346
1600 RICE	1	0.0	0	179	*	178
1900 PASTURE	6	1.7	2,247	142,810	*	7,370
2000 FORAGE CROPS	13	2.0	11,259	328,170	*	55,546
2300 SOYBEANS	6	0.4	1,097	66,952	*	1,899
2400 PEANUTS	3	0.1	976	7,619	*	1,296
2500 OTHER OILSEED CROPS	2	0.1	0	48,077	*	0
2700 SUGAR CROPS	11	1.6	33,891	117,994	*	268
2800 MISC NEW CROPS	7	0.8	3,341	95,939	*	258
2900 POULTRY	4	1.2	31,571	133,750	*	0
3000 BEEF CATTLE	16	5.7	75,296	766,686	*	16,792
3100 DAIRY CATTLE	11	1.9	35,043	344,940	*	38,955
3200 SWINE	6	0.9	1,668	137,859	*	0
3400 OTHER ANIMALS	1	0.0	0	2,006	*	0
3600 FARM SUPP & FACILITS	2	0.0	0	52,371	*	0
3800 FOOD	10	7.3	47,623	489,795	*	0
3900 HOUSING & EQUIP	6	1.9	43,211	139,221	*	0
4000 PEOPLE AS INDIVIDUALS	8	2.0	25,624	101,753	*	0
4100 FAMILY MEMBERS	7	1.2	5,235	49,152	*	0
4200 FARM AS BUSINESS	3	0.3	3,151	26,015	*	0
4300 SOC POLIT ORGANIZ	2	0.4	0	19,632	*	0
4400 AGRIC ECONOMY U S	3	1.1	2,495	40,599	*	0
4500 AGRIC ECONOMY FORGN	1	0.1	0	8,335	*	0
4700 OTH MARKET PROCESS	1	0.0	4,580	8,031	*	0
4800 MARKETING SYSTEMS	2	0.6	25,739	42,373	*	0
6100 WEEDS	3	0.1	2,863	24,545	*	4,055
6200 SEED RESEARCH	1	0.1	0	6,770	*	1,293
6300 BIO CELL SYSTEMS	4	0.8	5,259	156,941	*	6,798
6500 INVERTEBRATES	6	0.5	0	73,261	*	8,930
6600 MICROORGANISMS VIRUSES	8	1.8	4,744	145,051	*	35,065
6700 PLANTS	9	1.6	20,213	207,817	*	52,300
6800 ANIMALS(VERTEBRATES)	4	0.2	326	26,044	*	5,293
6900 RESEARCH ON RSCH MGMT	2	0.2	0	17,086	*	3,194
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	0	9,354	*	0
TOTAL		93.9	1,176,745	10,519,002	*	985,659

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- IDAHO MOSCOW SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	17	6.7	132,497	976,158	*	136,559
0200 WATER	10	3.1	51,199	533,200	*	184,954
0300 WATERSHEDS RIVER BAS	4	0.6	9,631	130,484	*	69,788
0400 AIR AND CLIMATE	1	0.2	9,182	27,926	*	0
0500 RECREATION RESOURCES	1	0.1	4,244	20,956	*	0
0600 TIMBER FORST PRODUCT	1	0.1	273	1,776	*	0
0700 RANGE	6	1.6	38,248	256,173	*	56,473
0800 WILDLIFE AND FISH	3	0.0	14,171	56,767	*	42,596
1000 FRUIT NUTS DECIDUOUS	6	0.2	32,142	101,379	*	1,484
1100 POTATOES	18	6.5	155,507	1,085,976	*	229,478
1200 VEGETABLES	20	6.5	191,099	983,257	*	31,016
1300 ORNAMENTALS TURF	2	1.7	45,422	352,911	*	66,666
1400 CORN	2	0.1	5,745	26,079	*	0
1500 GRAIN SORGHUM	2	0.2	7,628	42,224	*	1,286
1600 RICE	1	0.0	0	49	*	49
1700 WHEAT	15	1.6	29,484	562,496	*	195,123
1800 OTHER SMALL GRAINS	9	0.9	29,033	140,510	*	10,725
2000 FORAGE CROPS	6	0.4	12,656	54,159	*	98
2100 COTTON	1	0.0	0	98	*	98
2300 SOYBEANS	1	0.1	2,770	17,665	*	1,286
2500 OTHER OILSEED CROPS	2	0.7	16,620	109,588	*	11,320
2700 SUGAR CROPS	5	0.6	24,295	101,613	*	255
2800 MISC NEW CROPS	2	0.2	5,540	40,138	*	2,573
2900 POULTRY	1	0.0	3,671	14,037	*	0
3000 BEEF CATTLE	15	5.3	342,013	1,209,394	*	174,240
3100 DAIRY CATTLE	7	2.3	111,090	584,137	*	551
3200 SWINE	3	0.3	10,935	32,817	*	0
3300 SHEEP AND WOOL	7	1.2	124,166	367,705	*	772
3500 BEES AND HONEY	2	0.7	6,207	100,814	*	40,931
3600 FARM SUPP & FACILITS	2	0.5	16,118	75,455	*	27,311
3800 FOOD	1	1.0	14,326	51,096	*	0
3900 HOUSING & EQUIP	3	0.3	6,956	89,175	*	30,522
4000 PEOPLE AS INDIVIDUALS	1	0.2	0	99,413	*	15,192
4100 FAMILY MEMBERS	1	0.0	1,618	1,618	*	0
4200 FARM AS BUSINESS	4	1.0	25,062	149,543	*	27,311
4300 SOC POLIT ORGANIZ	6	1.1	41,066	126,067	*	0
4400 AGRIC ECONOMY U S	3	1.1	12,946	125,111	*	8,432
4500 AGRIC ECONOMY FORGN	1	0.2	9,239	73,282	*	0
4800 MARKETING SYSTEMS	3	0.2	9,170	52,061	*	0
6100 WEEDS	2	0.2	5,715	33,805	*	336
6200 SEED RESEARCH	2	0.3	8,518	40,080	*	0
6300 BIO CELL SYSTEMS	1	0.2	35,812	61,994	*	0
6400 EXP DESIGN/STAT METHOD	2	0.5	21,415	194,945	*	0
6500 INVERTEBRATES	3	1.1	22,718	265,656	*	0
6600 MICROORGANISMS VIRUSES	2	0.1	4,333	53,565	*	12,113
6700 PLANTS	11	3.9	57,791	625,107	*	100,271
6800 ANIMALS(VERTEBRATES)	5	0.9	27,158	181,873	*	14,473
6900 RESEARCH ON RSCH MGMT	1	1.3	10,095	63,415	*	1
7000 RSCH EQUIP & TECHNOLOGY	4	1.6	63,164	182,488	*	10,586
TOTAL		58.0	1,808,688	10,476,238	*	1,504,686

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- ILLINOIS URBANA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	34	14.0	369,980	1,697,560	*	54,689
0200 WATER	11	2.5	78,029	211,896	*	0
0300 WATERSHEDS RIVER BAS	7	0.7	51,500	96,678	*	0
0400 AIR AND CLIMATE	1	0.0	5,426	14,167	*	0
0500 RECREATION RESOURCES	1	0.3	16,944	26,344	*	0
0600 TIMBER FORST PRODUCT	19	5.4	165,912	487,435	*	29,176
0700 RANGE	1	0.0	6,432	15,970	*	0
0800 WILDLIFE AND FISH	1	0.1	1,726	11,161	*	1,254
1000 FRUIT NUTS DECIDUOUS	10	4.2	64,196	482,119	*	0
1200 VEGETABLES	14	5.3	233,358	849,663	*	0
1300 ORNAMENTALS TURF	13	5.4	95,674	514,641	*	0
1400 CORN	55	15.1	471,549	1,970,689	*	171,228
1500 GRAIN SORGHUM	6	0.5	15,520	84,932	*	5,011
1700 WHEAT	10	0.9	10,635	109,074	*	3,008
1800 OTHER SMALL GRAINS	11	1.2	78,815	178,671	*	0
2000 FORAGE CROPS	15	2.4	130,383	477,313	*	21,941
2100 COTTON	1	0.2	6,444	12,250	*	0
2300 SOYBEANS	55	11.5	402,828	1,732,575	*	101,229
2500 OTHER OILSEED CROPS	3	0.6	16,808	81,822	*	15,041
2600 TOBACCO	2	0.4	16,981	33,403	*	0
2700 SUGAR CROPS	1	0.0	263	4,107	*	0
2800 MISC NEW CROPS	2	0.5	28,413	125,978	*	0
2900 POULTRY	7	3.1	121,499	371,126	*	0
3000 BEEF CATTLE	22	6.2	187,226	1,081,530	*	122,535
3100 DAIRY CATTLE	35	10.8	345,816	1,696,914	*	49,939
3200 SWINE	27	7.7	221,173	1,538,497	*	39,521
3300 SHEEP AND WOOL	10	3.2	109,214	756,662	*	346
3400 OTHER ANIMALS	16	4.9	141,201	639,152	*	28,021
3600 FARM SUPP & FACILITS	6	2.7	48,354	361,762	*	14,145
3700 CLOTHING & TEXTILES	2	1.0	34,308	58,384	*	0
3800 FOOD	23	6.0	146,853	747,971	*	149,252
3900 HOUSING & EQUIP	9	3.1	72,095	266,570	*	3,602
4000 PEOPLE AS INDIVIDUALS	8	2.2	46,728	254,032	*	23,525
4100 FAMILY MEMBERS	9	5.3	81,415	414,640	*	49,647
4200 FARM AS BUSINESS	7	3.3	106,502	242,157	*	0
4300 SOC POLIT ORGANIZ	4	1.3	56,003	117,799	*	0
4400 AGRIC ECONOMY U S	2	1.6	63,015	170,252	*	17,108
4700 OTH MARKET PROCESS	1	0.5	16,200	22,593	*	0
4800 MARKETING SYSTEMS	3	1.7	91,366	164,120	*	42,983
6100 WEEDS	1	0.2	0	19,351	*	5,724
6300 BIO CELL SYSTEMS	10	1.4	66,058	270,196	*	0
6400 EXP DESIGN/STAT METHOD	2	1.0	11,535	85,062	*	0
6500 INVERTEBRATES	3	1.1	23,616	71,652	*	4,770
6600 MICROORGANISMS VIRUSES	7	2.6	32,455	177,589	*	42,575
6700 PLANTS	17	3.2	121,022	667,264	*	69,747
6800 ANIMALS(VERTEBRATES)	13	4.6	178,029	933,205	*	32,746
6900 RESEARCH ON RSCH MGMT	1	0.0	56,688	56,688	*	0
7000 RSCH EQUIP & TECHNOLOGY	3	0.6	19,592	60,590	*	0
TOTAL		150.6	4,665,777	20,424,206	*	1,098,768

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- INDIANA LAFAYETTE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CCM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	27	8.9	237,253	1,375,712	*	286,013
0200 WATER	13	2.7	45,984	422,035	*	91,525
0300 WATERSHEDS RIVER BAS	6	0.4	9,334	64,054	*	6,473
0400 AIR AND CLIMATE	6	1.7	38,159	234,515	*	1,105
0500 RECREATION RESOURCES	2	0.5	11,661	49,182	*	135
0600 TIMBER FORST PRODUCT	30	11.5	243,964	1,251,316	*	47,602
0700 RANGE	1	0.1	201	12,700	*	0
0800 WILDLIFE AND FISH	11	2.9	21,157	317,881	*	1,095
1000 FRUIT NUTS DECIDUOUS	14	2.7	67,548	365,126	*	37,825
1100 POTATOES	8	1.9	72,584	292,940	*	0
1200 VEGETABLES	27	6.8	166,292	1,081,009	*	26,278
1300 ORNAMENTALS TURF	9	3.5	81,127	389,736	*	3,215
1400 CORN	69	16.9	413,055	2,985,437	*	246,018
1500 GRAIN SORGHUM	11	2.3	42,846	522,871	*	20,024
1700 WHEAT	23	3.7	110,951	796,615	*	61,578
1800 OTHER SMALL GRAINS	7	0.6	8,481	106,052	*	28,806
2000 FORAGE CROPS	19	2.8	104,027	602,285	*	79,775
2300 SOYBEANS	45	8.4	230,598	1,554,659	*	165,228
2500 OTHER OILSEED CROPS	1	0.0	2,475	5,055	*	0
2700 SUGAR CROPS	1	0.2	4,025	32,567	*	0
2800 MISC NEW CROPS	7	1.3	56,632	310,982	*	0
2900 POULTRY	28	7.3	130,862	1,064,143	*	18,801
3000 BEEF CATTLE	48	7.3	260,957	3,082,982	*	64,556
3100 DAIRY CATTLE	30	6.9	178,204	1,617,296	*	48,436
3200 SWINE	54	11.4	400,366	2,558,533	*	99,760
3300 SHEEP AND WOOL	12	0.9	35,282	284,222	*	0
3400 OTHER ANIMALS	20	3.5	116,241	532,862	*	124
3600 FARM SUPP & FACILITS	1	0.1	2,930	17,889	*	0
3700 CLOTHING & TEXTILES	2	0.6	30,348	82,260	*	17,918
3800 FOOD	11	2.8	96,058	651,005	*	43,842
3900 HOUSING & EQUIP	6	1.5	4,341	271,968	*	11,420
4000 PEOPLE AS INDIVIDUALS	12	2.0	74,078	243,735	*	0
4100 FAMILY MEMBERS	9	2.1	74,958	284,167	*	0
4200 FARM AS BUSINESS	7	5.8	65,750	364,718	*	315
4300 SOC POLIT ORGANIZ	8	2.6	79,844	186,846	*	19,135
4400 AGRIC ECONOMY U S	4	1.2	20,805	96,052	*	5,946
4500 AGRIC ECONOMY FORGN	5	1.6	17,460	199,077	*	25,928
4600 FARM COOPERATIVES	2	0.8	6,669	83,675	*	17,907
4700 OTH MARKET PROCESS	3	1.2	13,393	104,067	*	17,907
4800 MARKETING SYSTEMS	6	1.8	33,810	124,521	*	5,739
6100 WEEDS	7	1.1	26,184	268,009	*	36,046
6200 SEED RESEARCH	1	0.1	3,573	27,235	*	0
6300 BIO CELL SYSTEMS	14	7.2	141,749	1,286,784	*	83,395
6400 EXP DESIGN/STAT METHOD	4	0.6	7,181	33,604	*	3,033
6500 INVERTEBRATES	10	4.1	121,001	444,749	*	12,304
6600 MICROORGANISMS VIRUSES	10	2.6	52,487	657,649	*	25,465
6700 PLANTS	27	9.1	154,655	1,792,325	*	178,038
6800 ANIMALS(VERTEBRATES)	20	4.5	191,038	1,183,957	*	180
6900 RESEARCH ON RSCH MGMT	1	0.1	1,802	10,536	*	0
7000 RSCH EQUIP & TECHNOLOGY	8	1.9	18,236	309,785	*	2,162
TOTAL		172.6	4,324,576	30,637,381	*	1,841,065

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- IOWA AMES SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	38	9.5	264,010	2,102,224	*	238,138
0200 WATER	22	2.6	85,100	544,371	*	78,989
0300 WATERSHEDS RIVER BAS	4	1.0	26,132	209,722	*	56,139
0400 AIR AND CLIMATE	4	2.2	57,836	191,086	*	0
0600 TIMBER FORST PRODUCT	17	4.5	148,925	555,914	*	24,495
0700 RANGE	2	0.0	0	1,402	*	0
0800 WILDLIFE AND FISH	26	1.8	2,711	547,590	*	872
1000 FRUIT NUTS DECIDUOUS	10	1.9	11,176	189,889	*	0
1100 POTATOES	4	0.3	7,156	41,504	*	0
1200 VEGETABLES	13	1.5	148,145	373,952	*	100,769
1300 ORNAMENTALS TURF	9	3.7	57,485	409,202	*	17,125
1400 CORN	87	16.1	513,849	2,844,228	*	364,856
1500 GRAIN SORGHUM	1	0.7	21,315	97,090	*	0
1700 WHEAT	2	0.1	2,164	15,738	*	0
1800 OTHER SMALL GRAINS	10	2.4	136,966	434,448	*	36,264
1900 PASTURE	1	0.4	41,338	85,153	*	0
2000 FORAGE CROPS	20	3.3	235,001	669,390	*	86,222
2200 COTTONSEED	1	0.0	0	399	*	0
2300 SOYBEANS	74	14.1	334,027	2,322,832	*	104,826
2400 PEANUTS	3	0.2	0	62,299	*	0
2500 OTHER OILSEED CROPS	4	0.1	3,605	49,789	*	0
2800 MISC NEW CROPS	2	0.2	34,843	55,777	*	17,125
2900 POULTRY	15	2.6	346,373	675,464	*	0
3000 BEEF CATTLE	33	9.9	649,454	2,877,653	*	80,383
3100 DAIRY CATTLE	23	4.9	264,828	1,350,306	*	67,754
3200 SWINE	25	8.6	706,430	3,548,115	*	25,044
3300 SHEEP AND WOOL	2	0.3	5,254	42,232	*	0
3400 OTHER ANIMALS	13	1.8	65,219	305,029	*	0
3600 FARM SUPP & FACILITS	9	1.4	46,221	171,721	*	5,911
3700 CLOTHING & TEXTILES	3	0.2	3,721	38,789	*	0
3800 FOOD	15	1.8	80,339	406,478	*	89,713
3900 HOUSING & EQUIP	4	0.4	1,504	74,099	*	29,312
4000 PEOPLE AS INDIVIDUALS	21	4.4	67,769	446,009	*	1,970
4100 FAMILY MEMBERS	11	1.0	23,342	139,228	*	2,309
4200 FARM AS BUSINESS	13	1.1	31,856	324,433	*	78,666
4300 SOC POLIT ORGANIZ	22	3.3	145,802	511,838	*	121,861
4400 AGRIC ECONOMY U S	12	0.7	66,929	320,738	*	110,793
4500 AGRIC ECONOMY FORGN	1	0.0	0	6,115	*	0
4600 FARM COOPERATIVES	4	0.5	22,165	35,714	*	0
4700 OTH MARKET PROCESS	3	0.1	8,408	25,442	*	5,363
4800 MARKETING SYSTEMS	2	0.0	260	3,002	*	1,099
6200 SEED RESEARCH	2	0.3	13,844	30,028	*	0
6300 BIO CELL SYSTEMS	5	1.6	61,964	229,780	*	0
6400 EXP DESIGN/STAT METHOD	3	1.3	0	1,086,649	*	1,005,240
6500 INVERTEBRATES	5	1.4	22,323	139,581	*	11,257
6600 MICROORGANISMS VIRUSES	5	0.3	0	176,560	*	44,741
6700 PLANTS	7	0.7	14,807	65,229	*	15,182
6800 ANIMALS(VERTEBRATES)	6	2.3	56,889	390,931	*	0
6900 RESEARCH ON RSCH MGMT	1	0.0	0	12,149	*	0
TOTAL		117.8	4,837,483	25,237,310	*	2,822,428

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- KANSAS MANHATTAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	17	6.2	115,656	736,908	*	0
0200 WATER	18	5.4	7,905	631,689	*	0
0400 AIR AND CLIMATE	1	0.9	31,633	75,598	*	0
0500 RECREATION RESOURCES	1	0.4	0	23,505	*	0
0600 TIMBER FORST PRODUCT	7	1.8	117,797	205,169	*	0
0700 RANGE	9	3.9	42,459	463,198	*	0
0800 WILDLIFE AND FISH	4	0.6	22,380	39,800	*	0
1000 FRUIT NUTS DECIDUCUS	5	1.6	16,850	227,751	*	0
1100 POTATOES	3	0.8	32,962	44,819	*	0
1200 VEGETABLES	12	2.7	21,321	309,284	*	0
1300 ORNAMENTALS TURF	11	3.9	40,296	350,746	*	0
1400 CORN	48	15.3	142,051	1,627,232	*	64,580
1500 GRAIN SORGHUM	51	14.6	114,750	1,770,743	*	34,278
1700 WHEAT	74	26.6	319,790	3,480,120	*	99,092
1800 OTHER SMALL GRAINS	17	2.1	25,783	316,276	*	0
1900 PASTURE	1	0.0	0	3,092	*	0
2000 FORAGE CROPS	22	9.8	104,691	1,175,137	*	34,278
2300 SOYBEANS	27	10.1	46,511	1,236,554	*	51,905
2500 OTHER OILSEED CROPS	6	0.6	2,744	130,113	*	14,921
2700 SUGAR CROPS	1	0.0	0	19,921	*	19,921
2800 MISC NEW CROPS	2	0.3	1,665	16,301	*	0
2900 POULTRY	10	4.0	177,492	439,555	*	0
3000 BEEF CATTLE	77	30.2	759,955	6,178,686	*	138,925
3100 DAIRY CATTLE	41	9.4	204,914	1,517,215	*	37,022
3200 SWINE	23	7.7	144,106	1,276,524	*	34,278
3300 SHEEP AND WOOL	10	2.0	41,273	259,229	*	0
3400 OTHER ANIMALS	12	1.4	8,725	172,382	*	0
3600 FARM SUPP & FACILITS	9	1.0	53,175	215,200	*	30,813
3700 CLOTHING & TEXTILES	3	0.5	2,501	43,959	*	0
3800 FOOD	3	0.8	30,455	67,627	*	11,746
3900 HOUSING & EQUIP	3	0.8	0	97,153	*	0
4000 PEOPLE AS INDIVIDUALS	8	2.7	0	210,185	*	0
4100 FAMILY MEMBERS	8	2.4	30,200	151,657	*	0
4200 FARM AS BUSINESS	3	1.1	21,419	108,026	*	0
4300 SOC POLIT ORGANIZ	8	1.5	53,996	162,135	*	0
4400 AGRIC ECONOMY U S	1	0.0	0	5,526	*	0
4700 OTH MARKET PROCESS	2	0.8	0	29,565	*	0
4800 MARKETING SYSTEMS	1	0.1	9,091	13,597	*	0
6200 SEED RESEARCH	1	0.8	0	40,662	*	0
6300 BIO CELL SYSTEMS	13	4.4	26,261	491,768	*	0
6400 EXP DESIGN/STAT METHOD	1	0.1	0	5,725	*	0
6500 INVERTEBRATES	2	2.2	59,401	128,453	*	0
6600 MICROORGANISMS VIRUSES	3	1.0	20,592	101,995	*	30,916
6700 PLANTS	27	13.5	169,362	995,813	*	66,782
6800 ANIMALS(VERTEBRATES)	13	5.0	71,927	462,377	*	523
6900 RESEARCH ON RSCH MGMT	2	0.4	12,498	31,117	*	0
7000 RSCH EQUIP & TECHNOLOGY	4	0.8	0	85,718	*	0
TOTAL		202.4	3,104,587	26,175,805	*	669,985

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- KENTUCKY LEXINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	26	7.7	247,929	772,923	*	0
0200 WATER	12	2.4	77,698	256,169	*	0
0300 WATERSHEDS RIVER BAS	9	2.1	66,636	214,003	*	47,846
0400 AIR AND CLIMATE	1	0.2	24,186	24,222	*	0
0500 RECREATION RESOURCES	1	0.2	3,854	8,289	*	0
0600 TIMBER FORST PRODUCT	16	5.2	163,847	446,267	*	0
0700 RANGE	1	0.2	6,504	10,934	*	0
0800 WILDLIFE AND FISH	1	0.7	16,875	54,558	*	0
1000 FRUIT NUTS DECIDUCUS	6	1.9	59,226	197,201	*	0
1100 POTATOES	1	0.4	6,469	45,930	*	0
1200 VEGETABLES	14	6.2	210,309	674,122	*	96,829
1300 ORNAMENTALS TURF	8	2.5	71,880	286,392	*	0
1400 CORN	21	6.0	293,597	657,170	*	9,119
1500 GRAIN SORGHUM	2	0.2	6,504	15,201	*	0
1700 WHEAT	9	1.3	74,869	167,399	*	0
1800 OTHER SMALL GRAINS	2	1.0	31,606	142,686	*	0
1900 PASTURE	1	0.1	8,613	15,359	*	0
2000 FORAGE CROPS	22	7.4	270,843	1,051,175	*	0
2300 SOYBEANS	25	7.6	370,639	890,386	*	13,115
2400 PEANUTS	1	0.1	0	9,409	*	9,409
2600 TOBACCO	18	7.9	313,712	1,080,797	*	0
2800 MISC NEW CROPS	2	0.4	18,427	244,111	*	0
2900 POULTRY	4	0.8	51,877	152,561	*	0
3000 BEEF CATTLE	25	10.7	460,507	1,735,533	*	18,956
3100 DAIRY CATTLE	21	5.3	259,355	888,540	*	50,941
3200 SWINE	12	3.1	188,060	717,005	*	0
3300 SHEEP AND WOOL	9	1.6	94,852	265,872	*	0
3400 OTHER ANIMALS	18	12.4	296,916	1,430,012	*	14,329
3600 FARM SUPP & FACILITS	1	0.0	998	2,216	*	0
3800 FOOD	5	4.0	144,196	283,504	*	0
3900 HOUSING & EQUIP	5	1.3	54,779	184,326	*	0
4000 PEOPLE AS INDIVIDUALS	6	2.1	46,421	104,565	*	0
4100 FAMILY MEMBERS	4	1.6	34,958	94,841	*	0
4200 FARM AS BUSINESS	5	1.4	39,047	96,743	*	0
4300 SOC POLIT ORGANIZ	9	3.5	84,710	181,163	*	0
4400 AGRIC ECONOMY U S	3	1.3	85,156	114,409	*	0
4600 FARM COOPERATIVES	2	0.3	12,297	17,454	*	0
4700 OTH MARKET PROCESS	2	0.2	4,046	11,594	*	0
4800 MARKETING SYSTEMS	3	0.5	24,209	49,292	*	0
6200 SEED RESEARCH	1	0.3	5,331	56,201	*	0
6400 EXP DESIGN/STAT METHOD	2	0.4	4,863	21,386	*	0
6600 MICROORGANISMS VIRUSES	2	0.8	8,766	49,208	*	0
6700 PLANTS	11	6.4	119,785	433,954	*	48,991
6800 ANIMALS(VERTEBRATES)	4	0.6	1,101	80,983	*	1,173
6900 RESEARCH ON RSCH MGMT	1	0.5	2,168	21,079	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	0.4	3,411	31,263	*	0
TOTAL		121.4	4,378,032	14,288,406	*	310,750

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- LOUISIANA BATON ROUGE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	27	7.9	180,410	1,020,342	*	19,388
0200 WATER	8	0.8	75,792	149,368	*	4,471
0300 WATERSHEDS RIVER BAS	2	0.1	3,675	33,956	*	877
0400 AIR AND CLIMATE	4	0.4	25,916	54,632	*	0
0500 RECREATION RESOURCES	1	0.2	0	9,515	*	0
0600 TIMBER FORST PRODUCT	38	10.6	258,327	1,061,127	*	10,345
0700 RANGE	2	0.3	0	30,704	*	1,427
0800 WILDLIFE AND FISH	33	10.9	41,177	1,648,101	*	153,129
0900 CITRUS SUB TROP FRUT	6	2.0	540	174,959	*	0
1000 FRUIT NUTS DECIDUCUS	21	6.7	13,510	809,703	*	0
1100 POTATOES	4	1.0	24,463	81,822	*	0
1200 VEGETABLES	47	18.2	161,744	1,734,432	*	12,959
1300 ORNAMENTALS TURF	19	7.4	18,845	724,922	*	0
1400 CORN	20	1.6	12,678	261,776	*	0
1500 GRAIN SORGHUM	14	2.1	2,689	262,549	*	0
1600 RICE	36	15.1	65,480	2,022,495	*	14,745
1700 WHEAT	20	2.3	11,462	341,785	*	0
1800 OTHER SMALL GRAINS	3	0.2	7,218	39,788	*	0
1900 PASTURE	15	2.3	13,224	290,591	*	0
2000 FORAGE CROPS	51	11.9	123,066	1,760,560	*	0
2100 COTTON	39	12.3	227,148	1,630,181	*	5,150
2300 SOYBEANS	60	16.1	258,943	2,273,485	*	34,387
2500 OTHER OILSEED CROPS	1	0.1	924	12,539	*	0
2700 SUGAR CROPS	26	11.3	80,884	1,170,985	*	25,777
2900 POULTRY	15	5.8	130,436	1,025,620	*	22,160
3000 BEEF CATTLE	71	20.6	416,832	4,200,302	*	57,989
3100 DAIRY CATTLE	52	14.0	283,663	2,341,361	*	43,652
3200 SWINE	6	1.8	27,812	308,169	*	0
3300 SHEEP AND WOOL	7	0.8	19,016	106,209	*	0
3400 OTHER ANIMALS	15	1.7	65,598	371,455	*	46,691
3600 FARM SUPP & FACILITS	3	1.0	7,256	122,325	*	0
3700 CLOTHING & TEXTILES	4	1.8	31,291	101,811	*	0
3800 FOOD	6	0.7	11,057	80,087	*	0
3900 HOUSING & EQUIP	4	1.7	17,099	175,154	*	0
4000 PEOPLE AS INDIVIDUALS	12	2.0	47,770	215,008	*	823
4100 FAMILY MEMBERS	9	2.8	52,776	152,817	*	0
4200 FARM AS BUSINESS	8	2.3	41,902	186,815	*	0
4300 SOC POLIT ORGANIZ	6	4.4	28,051	251,167	*	0
4400 AGRIC ECONOMY U S	4	0.8	5,825	66,404	*	0
4800 MARKETING SYSTEMS	1	0.4	7,814	21,322	*	0
6200 SEED RESEARCH	2	0.3	12,378	56,330	*	8,629
6300 BIO CELL SYSTEMS	1	0.1	4,287	20,303	*	0
6400 EXP DESIGN/STAT METHOD	1	0.1	0	14,147	*	0
6500 INVERTEBRATES	5	2.1	37,544	213,203	*	1,235
6600 MICROORGANISMS VIRUSES	2	0.9	16,165	76,761	*	0
6700 PLANTS	12	2.4	55,041	287,411	*	28,952
6800 ANIMALS (VERTEBRATES)	5	0.6	17,809	85,004	*	4,200
6900 RESEARCH ON RSCH MGMT	2	3.0	0	523,209	*	48,616
7000 RSCH EQUIP & TECHNOLOGY	2	0.5	800	59,323	*	0
TOTAL		214.5	2,950,300	28,662,035	*	545,611

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- MAINE ORONO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	9	3.7	115,416	247,868	*	21,609
0200 WATER	2	0.5	24,829	93,328	*	0
0300 WATERSHEDS RIVER BAS	1	0.3	410	14,757	*	2,249
0400 AIR AND CLIMATE	3	0.1	7,212	19,064	*	0
0500 RECREATION RESOURCES	2	0.7	8,533	39,371	*	2,249
0600 TIMBER FORST PRODUCT	28	17.6	375,085	1,620,624	*	172,903
0800 WILDLIFE AND FISH	11	8.9	63,146	587,865	*	52,960
1000 FRUIT NUTS DECIDUCUS	14	6.8	173,368	747,103	*	27,470
1100 POTATOES	20	12.0	404,036	1,218,763	*	161,233
1200 VEGETABLES	2	0.7	22,781	45,664	*	0
1300 ORNAMENTALS TURF	2	0.1	2,919	5,310	*	0
2000 FORAGE CROPS	4	1.4	67,941	164,954	*	41,182
2900 POULTRY	8	4.8	146,014	417,993	*	0
3100 DAIRY CATTLE	10	3.5	144,744	908,658	*	4,127
3900 HOUSING & EQUIP	2	2.1	41,636	128,698	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.4	21,190	37,554	*	0
4100 FAMILY MEMBERS	4	1.2	36,778	62,213	*	0
4300 SOC POLIT ORGANIZ	4	1.5	63,656	144,725	*	0
6300 BIO CELL SYSTEMS	4	1.6	34,075	145,061	*	0
6500 INVERTEBRATES	2	2.3	48,420	119,571	*	6,175
6600 MICROORGANISMS VIRUSES	2	1.7	47,555	93,084	*	0
6700 PLANTS	2	0.8	16,598	45,551	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	2,913	5,114	*	0
TOTAL		73.0	1,869,254	6,912,892	*	492,159

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- MARYLAND COLLEGE PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	9	3.0	120,929	291,218	*	0
0200 WATER	8	2.1	71,120	186,804	*	0
0300 WATERSHEDS RIVER BAS	3	1.5	31,682	70,062	*	0
0400 AIR AND CLIMATE	1	0.1	1,624	9,332	*	0
0500 RECREATION RESOURCES	2	0.3	9,335	28,972	*	0
0600 TIMBER FORST PRODUCT	14	4.9	176,037	511,115	*	0
0700 RANGE	1	0.3	2,933	18,092	*	0
0800 WILDLIFE AND FISH	7	1.8	60,353	195,157	*	30,420
0900 CITRUS SUB TROP FRUT	2	1.0	14,896	46,328	*	0
1000 FRUIT NUTS DECIDUCUS	12	3.4	101,035	336,653	*	0
1100 POTATOES	3	0.3	16,440	43,995	*	0
1200 VEGETABLES	19	6.1	230,943	613,893	*	0
1300 ORNAMENTALS TURF	11	4.2	117,649	340,987	*	0
1400 CORN	9	2.0	80,431	217,270	*	0
1600 RICE	1	0.3	10,280	22,187	*	0
1700 WHEAT	3	1.2	50,758	130,941	*	0
1800 OTHER SMALL GRAINS	1	0.5	13,818	65,242	*	0
2000 FORAGE CROPS	6	1.7	58,523	258,296	*	0
2100 COTTON	1	0.2	14,768	21,109	*	0
2300 SOYBEANS	7	2.8	97,172	326,414	*	0
2400 PEANUTS	1	0.2	0	10,106	*	0
2500 OTHER OILSEED CROPS	2	0.5	0	33,538	*	0
2600 TOBACCO	9	4.2	61,547	397,919	*	0
2800 MISC NEW CROPS	2	0.6	14,852	41,218	*	0
2900 POULTRY	18	8.3	308,205	968,723	*	23,278
3000 BEEF CATTLE	10	3.5	52,864	433,981	*	0
3100 DAIRY CATTLE	15	6.4	189,309	922,300	*	17,467
3200 SWINE	3	1.1	5,529	104,760	*	0
3300 SHEEP AND WOOL	1	0.0	0	1,079	*	0
3400 OTHER ANIMALS	6	2.7	6,870	202,610	*	11,810
3600 FARM SUPP & FACILITS	2	0.2	5,098	33,629	*	0
3700 CLOTHING & TEXTILES	1	0.0	20,780	27,444	*	0
3800 FOOD	6	2.8	89,912	300,947	*	0
3900 HOUSING & EQUIP	2	1.0	10,525	42,339	*	0
4000 PEOPLE AS INDIVIDUALS	5	0.9	38,087	199,699	*	96,002
4200 FARM AS BUSINESS	3	0.6	19,131	51,411	*	0
4300 SOC POLIT ORGANIZ	3	0.5	47,253	85,504	*	0
4400 AGRIC ECONOMY U S	4	2.9	65,105	176,337	*	0
4800 MARKETING SYSTEMS	1	0.1	2,989	9,746	*	0
6300 BIO CELL SYSTEMS	1	0.1	0	3,492	*	0
6400 EXP DESIGN/STAT METHOD	2	1.0	0	58,001	*	0
6500 INVERTEBRATES	4	1.4	22,277	125,310	*	41,993
6700 PLANTS	8	2.4	41,702	165,297	*	5,639
6800 ANIMALS(VERTEBRATES)	1	0.0	0	1,076	*	424
7000 RSCH EQUIP & TECHNOLOGY	1	0.4	0	23,871	*	0
TOTAL		80.0	2,286,761	8,158,404	*	227,034

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- MASSACHUSETTS AMHERST SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	13	5.1	173,674	481,564	*	5,831
0200 WATER	6	1.2	45,803	142,718	*	2,266
0300 WATERSHEDS RIVER BAS	1	0.0	7,129	21,552	*	3,022
0600 TIMBER FORST PRODUCT	20	4.3	195,159	652,589	*	93,311
0800 WILDLIFE AND FISH	4	2.0	61,844	150,059	*	0
1000 FRUIT NUTS DECIDUCUS	18	9.6	265,427	967,857	*	22,400
1100 POTATOES	2	0.2	18,854	35,456	*	0
1200 VEGETABLES	20	4.3	265,566	640,967	*	14,119
1300 ORNAMENTALS TURF	9	1.9	65,224	232,645	*	363
1400 CORN	7	1.4	60,763	178,680	*	6,850
2000 FORAGE CROPS	4	0.4	15,435	50,611	*	4,199
2300 SOYBEANS	3	0.3	8,148	25,775	*	0
2800 MISC NEW CROPS	1	0.0	116	863	*	0
2900 POULTRY	9	5.1	135,099	454,643	*	6,857
3100 DAIRY CATTLE	8	3.5	206,600	666,582	*	0
3300 SHEEP AND WOOL	1	0.6	9,536	62,904	*	0
3400 OTHER ANIMALS	1	0.1	21,564	43,649	*	0
3800 FOOD	8	5.0	148,016	644,074	*	64,089
3900 HOUSING & EQUIP	2	0.2	12,401	18,695	*	0
4000 PEOPLE AS INDIVIDUALS	2	0.2	12,928	25,972	*	0
4100 FAMILY MEMBERS	3	0.8	46,239	137,519	*	26,254
4200 FARM AS BUSINESS	1	0.2	8,490	30,740	*	6,632
4300 SOC POLIT ORGANIZ	5	0.7	50,082	103,841	*	0
6100 WEEDS	1	0.3	8,285	23,279	*	0
6500 INVERTEBRATES	6	2.3	106,821	276,052	*	84,737
6600 MICROORGANISMS VIRUSES	3	1.0	27,788	134,892	*	0
6700 PLANTS	1	0.3	4,867	15,052	*	0
6800 ANIMALS(VERTEBRATES)	1	0.0	4,894	8,699	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	0	4,821	*	0
TOTAL		51.3	1,986,755	6,232,749	*	340,932

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- MICHIGAN LANSING SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	33	10.2	253,221	2,010,868	*	35,552
0200 WATER	14	1.8	55,729	509,339	*	45,657
0300 WATERSHEDS RIVER BAS	2	0.4	4,575	41,654	*	8,854
0400 AIR AND CLIMATE	4	0.2	30,075	89,163	*	0
0500 RECREATION RESOURCES	10	2.2	37,625	213,380	*	2,373
0600 TIMBER FORST PRODUCT	26	8.9	143,258	1,633,734	*	289,589
0800 WILDLIFE AND FISH	17	5.5	95,070	1,381,155	*	4,166
1000 FRUIT NUTS DECIDUOUS	38	13.8	421,769	2,370,215	*	199,562
1100 POTATOES	12	1.9	55,181	274,935	*	0
1200 VEGETABLES	36	10.8	253,541	1,618,326	*	143,835
1300 ORNAMENTALS TURF	9	3.4	78,518	706,824	*	0
1400 CORN	17	1.9	105,421	393,614	*	0
1700 WHEAT	13	3.0	27,468	492,530	*	12,669
1800 OTHER SMALL GRAINS	6	0.9	0	60,855	*	1,895
1900 PASTURE	1	0.1	0	15,239	*	0
2000 FORAGE CROPS	12	2.5	57,957	387,774	*	47,103
2300 SOYBEANS	13	2.5	58,504	338,325	*	53,422
2600 TOBACCO	1	0.0	0	14,952	*	11,367
2700 SUGAR CROPS	6	0.4	11,643	97,126	*	11,707
2800 MISC NEW CROPS	2	0.2	5,935	38,895	*	2,418
2900 POULTRY	18	5.6	157,408	756,567	*	26,003
3000 BEEF CATTLE	26	5.0	175,653	857,075	*	51,509
3100 DAIRY CATTLE	39	8.9	384,351	1,785,899	*	113,016
3200 SWINE	16	4.8	271,547	622,596	*	38,605
3300 SHEEP AND WOOL	3	1.0	15,775	161,837	*	0
3400 OTHER ANIMALS	7	1.7	2,959	172,487	*	0
3600 FARM SUPP & FACILITS	4	1.2	28,403	160,411	*	0
3700 CLOTHING & TEXTILES	3	0.4	0	30,829	*	0
3800 FOOD	27	8.6	211,023	1,147,536	*	170,247
3900 HOUSING & EQUIP	6	1.1	50,688	111,228	*	0
4000 PEOPLE AS INDIVIDUALS	19	2.7	83,772	352,268	*	0
4100 FAMILY MEMBERS	12	2.4	49,098	301,813	*	0
4200 FARM AS BUSINESS	6	1.7	22,477	152,592	*	4,541
4300 SOC POLIT ORGANIZ	9	3.4	101,601	371,542	*	114
4400 AGRIC ECONOMY U S	7	2.6	58,356	296,325	*	22,830
4500 AGRIC ECONOMY FORGN	2	0.3	0	50,983	*	25,075
4600 FARM COOPERATIVES	1	0.4	8,232	28,823	*	1,905
4700 OTH MARKET PROCESS	1	0.7	12,348	43,235	*	2,858
4800 MARKETING SYSTEMS	6	1.8	51,509	194,842	*	11,886
6100 WEEDS	1	0.6	38,961	133,265	*	0
6300 BIC CELL SYSTEMS	9	4.2	163,163	730,196	*	0
6400 EXP DESIGN/STAT METHOD	5	2.0	70,954	297,720	*	0
6500 INVERTEBRATES	1	0.0	0	11,452	*	1,712
6600 MICROORGANISMS VIRUSES	12	3.0	101,410	363,842	*	107,945
6700 PLANTS	33	10.4	249,531	1,688,051	*	500,856
6800 ANIMALS(VERTEBRATES)	21	6.4	201,440	812,260	*	9,563
6900 RESEARCH ON RSCH MGMT	1	0.5	30,132	34,518	*	0
7000 RSCH EQUIP & TECHNOLOGY	7	2.1	50,028	279,228	*	2,251
TOTAL		154.0	4,286,311	24,638,320	*	1,961,099

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- MINNESOTA ST PAUL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CCM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	23	10.0	166,678	1,967,938	*	507,301
0200 WATER	10	0.6	49,432	176,064	*	0
0300 WATERSHEDS RIVER BAS	4	1.5	45,811	224,274	*	28,689
0400 AIR AND CLIMATE	5	1.9	34,005	310,675	*	6,963
0500 RECREATION RESOURCES	3	1.3	40,947	112,662	*	15,199
0600 TIMBER FORST PRODUCT	36	17.6	450,881	2,662,853	*	256,811
0800 WILDLIFE AND FISH	9	3.2	61,605	466,110	*	12,583
1000 FRUIT NUTS DECIDUOUS	4	2.1	7,209	380,619	*	0
1100 POTATOES	12	5.2	95,961	587,051	*	6,619
1200 VEGETABLES	14	4.5	98,982	756,298	*	11,709
1300 ORNAMENTALS TURF	13	5.4	93,386	813,535	*	0
1400 CORN	26	12.3	300,937	1,980,475	*	71,940
1600 RICE	7	2.4	0	512,278	*	0
1700 WHEAT	15	4.7	66,894	883,504	*	87,189
1800 OTHER SMALL GRAINS	14	5.1	107,302	1,001,374	*	47,638
2000 FORAGE CROPS	16	4.4	165,957	1,113,277	*	169,986
2300 SOYBEANS	14	6.6	97,051	1,227,628	*	49,196
2400 PEANUTS	1	0.0	0	2,691	*	2,690
2500 OTHER OILSEED CROPS	6	1.3	849	186,268	*	171
2700 SUGAR CROPS	1	1.4	0	195,973	*	0
2800 MISC NEW CROPS	3	2.3	28,860	289,598	*	0
2900 POULTRY	18	6.4	293,190	1,216,415	*	0
3000 BEEF CATTLE	9	4.0	186,403	1,324,623	*	6,450
3100 DAIRY CATTLE	25	8.4	283,461	2,628,925	*	74,771
3200 SWINE	20	6.9	194,284	1,905,031	*	12,670
3300 SHEEP AND WOOL	7	2.2	68,651	701,697	*	6,450
3400 OTHER ANIMALS	3	1.8	12,676	129,566	*	0
3500 BEES AND HONEY	1	0.3	0	43,997	*	0
3600 FARM SUPP & FACILITS	3	0.2	26,180	260,164	*	39,696
3700 CLOTHING & TEXTILES	6	4.7	62,585	298,365	*	0
3800 FOOD	32	9.0	289,224	1,535,529	*	0
3900 HOUSING & EQUIP	9	1.0	206	141,595	*	7,766
4000 PEOPLE AS INDIVIDUALS	10	2.9	36,084	289,616	*	10,347
4100 FAMILY MEMBERS	10	3.2	60,465	634,286	*	0
4200 FARM AS BUSINESS	7	0.9	20,415	114,903	*	0
4300 SOC POLIT ORGANIZ	11	3.5	247,840	430,040	*	51,082
4400 AGRIC ECONOMY U S	9	1.9	53,548	368,407	*	53,994
4500 AGRIC ECONOMY FORGN	2	0.1	25,525	122,654	*	19,776
4600 FARM COOPERATIVES	1	0.1	0	7,436	*	0
4700 OTH MARKET PROCESS	3	0.0	0	16,401	*	6,472
4800 MARKETING SYSTEMS	8	1.2	109,132	178,270	*	8,980
6100 WEEDS	2	0.2	0	103,065	*	17,000
6300 BIO CELL SYSTEMS	13	4.4	155,518	594,212	*	36,292
6400 EXP DESIGN/STAT METHOD	4	0.6	10,992	136,522	*	39,552
6500 INVERTEBRATES	9	3.6	51,285	420,920	*	3,250
6600 MICROORGANISMS VIRUSES	8	1.2	32,244	218,014	*	15,159
6700 PLANTS	15	2.4	34,580	531,309	*	60,910
6800 ANIMALS(VERTEBRATES)	14	4.0	87,332	585,384	*	5,526
6900 RESEARCH ON RSCH MGMT	5	1.3	96,210	207,915	*	1,940
7000 RSCH EQUIP & TECHNOLOGY	5	1.2	14,763	69,216	*	0
TOTAL		171.5	4,365,504	31,065,623	*	1,752,779

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- MISSISSIPPI STATE COLLEGE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	19	5.5	108,382	716,975	*	52,453
0200 WATER	12	1.9	57,153	314,032	*	77,729
0300 WATERSHEDS RIVER BAS	2	0.2	7,996	25,200	*	170
0400 AIR AND CLIMATE	1	0.1	2,867	4,236	*	0
0600 TIMBER FORST PRODUCT	34	24.8	335,156	2,965,267	*	341,083
0800 WILDLIFE AND FISH	33	10.6	219,095	1,808,044	*	194,775
1000 FRUIT NUTS DECIDUOUS	13	6.6	249,652	844,117	*	25,068
1200 VEGETABLES	18	4.5	143,551	479,897	*	4,618
1300 ORNAMENTALS TURF	9	4.8	117,099	536,158	*	0
1400 CORN	17	2.4	21,247	339,528	*	18,122
1500 GRAIN SORGHUM	10	3.1	2,605	893,945	*	0
1600 RICE	17	4.9	140,561	665,143	*	10,352
1700 WHEAT	7	0.7	13,401	101,919	*	170
1800 OTHER SMALL GRAINS	5	0.8	21,656	71,842	*	0
1900 PASTURE	2	2.5	82,209	212,437	*	0
2000 FORAGE CROPS	15	8.7	251,082	1,221,026	*	43,995
2100 COTTON	38	18.4	275,861	2,417,431	*	225,653
2300 SOYBEANS	55	15.9	253,124	1,850,141	*	59,575
2400 PEANUTS	2	0.0	1,096	4,755	*	393
2700 SUGAR CROPS	2	0.3	0	71,246	*	12,389
2800 MISC NEW CROPS	2	0.2	7,231	13,597	*	0
2900 POULTRY	17	6.7	314,510	822,388	*	7,674
3000 BEEF CATTLE	22	10.0	503,323	2,327,904	*	0
3100 DAIRY CATTLE	21	9.2	223,108	1,868,986	*	0
3200 SWINE	7	3.2	181,936	792,633	*	0
3300 SHEEP AND WOOL	1	0.5	0	94,116	*	0
3400 OTHER ANIMALS	3	0.9	31,416	130,921	*	0
3600 FARM SUPP & FACILITS	2	0.8	0	148,062	*	0
3800 FOOD	2	0.8	15,618	98,992	*	0
4000 PEOPLE AS INDIVIDUALS	10	3.3	90,004	251,569	*	15,111
4100 FAMILY MEMBERS	2	0.6	24,352	49,456	*	0
4200 FARM AS BUSINESS	9	1.3	8,535	96,226	*	0
4300 SOC POLIT ORGANIZ	7	0.9	8,781	172,169	*	77,143
4400 AGRIC ECONOMY U S	1	0.5	24,352	37,595	*	0
4600 FARM COOPERATIVES	1	0.4	9,335	30,387	*	0
4700 OTH MARKET PROCESS	1	0.2	1,913	16,864	*	0
4800 MARKETING SYSTEMS	3	0.8	20,297	67,385	*	1,038
6100 WEEDS	1	0.0	0	893	*	702
6200 SEED RESEARCH	5	1.2	44,437	95,867	*	0
6300 BIO CELL SYSTEMS	1	0.0	0	17,379	*	12,945
6400 EXP DESIGN/STAT METHOD	1	0.0	0	2,140	*	1,615
6500 INVERTEBRATES	5	1.9	60,581	269,172	*	41,655
6600 MICROORGANISMS VIRUSES	2	0.0	0	2,549	*	1,752
6700 PLANTS	10	1.5	44,225	1,523,273	*	43,910
6800 ANIMALS(VERTEBRATES)	7	2.0	36,714	202,259	*	702
6900 RESEARCH ON RSCH MGMT	2	2.2	0	148,379	*	106,523
7000 RSCH EQUIP & TECHNOLOGY	3	0.2	4,454	19,535	*	4,046
TOTAL		166.3	3,962,878	24,844,037	*	1,381,370

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- MISSOURI COLUMBIA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	14	5.4	111,622	687,170	*	18,047
0200 WATER	9	1.1	32,632	182,309	*	5,600
0300 WATERSHEDS RIVER BAS	1	1.6	54,478	195,307	*	13,580
0400 AIR AND CLIMATE	5	2.2	66,072	1,022,006	*	49,847
0500 RECREATION RESOURCES	1	0.1	2,716	33,253	*	0
0600 TIMBER FORST PRODUCT	12	4.5	190,606	739,548	*	59,340
0800 WILDLIFE AND FISH	5	1.5	42,192	409,278	*	7,319
0900 CITRUS SUB TROP FRUT	1	0.1	105	7,150	*	0
1000 FRUIT NUTS DECIDUOUS	11	3.0	87,010	477,528	*	0
1100 POTATOES	1	0.0	0	9,538	*	0
1200 VEGETABLES	11	2.6	67,721	294,814	*	12,096
1300 ORNAMENTALS TURF	8	2.3	77,940	340,739	*	0
1400 CORN	29	6.4	238,178	1,155,769	*	115,508
1500 GRAIN SORGHUM	14	1.1	31,488	192,147	*	0
1600 RICE	1	0.1	5,821	13,852	*	0
1700 WHEAT	12	2.0	113,038	364,295	*	0
1800 OTHER SMALL GRAINS	3	0.4	22,591	64,234	*	0
1900 PASTURE	5	0.2	44,600	114,607	*	8,087
2000 FORAGE CROPS	16	4.8	227,952	689,417	*	56,677
2100 COTTON	3	1.4	50,682	222,399	*	0
2300 SOYBEANS	36	8.6	268,155	1,654,074	*	355,357
2500 OTHER OILSEED CROPS	1	0.1	1,588	7,234	*	0
2600 TOBACCO	1	0.0	1,427	10,991	*	0
2700 SUGAR CROPS	1	0.1	2,100	8,042	*	0
2800 MISC NEW CROPS	1	0.3	7,617	32,806	*	0
2900 POULTRY	15	3.7	256,586	772,407	*	1,248
3000 BEEF CATTLE	37	7.0	626,997	1,588,322	*	35,932
3100 DAIRY CATTLE	27	6.5	288,108	1,265,339	*	25,527
3200 SWINE	22	4.0	354,570	857,906	*	48,071
3300 SHEEP AND WOOL	7	1.0	62,837	232,365	*	365
3400 OTHER ANIMALS	9	2.5	218,136	569,981	*	296
3600 FARM SUPP & FACILITS	2	0.5	8,441	101,070	*	0
3800 FOOD	12	2.2	110,334	501,765	*	33,238
3900 HOUSING & EQUIP	4	1.7	18,820	257,367	*	3,099
4000 PEOPLE AS INDIVIDUALS	7	0.5	42,618	134,671	*	0
4100 FAMILY MEMBERS	4	0.9	30,385	119,807	*	0
4200 FARM AS BUSINESS	6	1.7	32,093	215,885	*	5,642
4300 SOC POLIT ORGANIZ	10	6.1	110,001	841,908	*	19,849
4400 AGRIC ECONOMY U S	7	1.0	39,851	320,509	*	114,184
4500 AGRIC ECONOMY FORGN	3	1.0	17,677	122,022	*	14,086
4600 FARM COOPERATIVES	2	0.4	9,075	47,348	*	0
4700 OTH MARKET PROCESS	2	0.3	7,092	37,487	*	0
4800 MARKETING SYSTEMS	4	1.3	35,270	134,606	*	0
6200 SEED RESEARCH	3	2.3	2,855	271,780	*	0
6300 BIO CELL SYSTEMS	5	0.7	24,780	142,216	*	5,860
6400 EXP DESIGN/STAT METHOD	2	0.1	3,748	64,090	*	32,873
6500 INVERTEBRATES	5	0.7	28,995	166,874	*	0
6600 MICROORGANISMS VIRUSES	6	1.4	32,724	297,695	*	71,078
6700 PLANTS	15	1.9	41,415	510,729	*	127,153
6800 ANIMALS(VERTEBRATES)	6	1.8	74,132	290,711	*	365
7000 RSCH EQUIP & TECHNOLOGY	2	0.2	2,174	42,516	*	504
TOTAL		101.7	4,232,043	18,835,886	*	1,241,241

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- MONTANA BOZEMAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	13	5.5	104,293	590,770	*	9,568
0200 WATER	5	1.2	4,337	90,296	*	2,392
0400 AIR AND CLIMATE	3	0.5	13,207	66,802	*	0
0600 TIMBER FORST PRODUCT	1	0.1	6,042	13,189	*	0
0700 RANGE	11	4.2	123,966	650,866	*	0
0800 WILDLIFE AND FISH	4	0.6	26,655	76,846	*	16,633
1000 FRUIT NUTS DECIDUCUS	3	0.9	5,418	103,624	*	0
1100 POTATOES	2	0.0	0	15,776	*	0
1200 VEGETABLES	14	2.0	18,451	241,193	*	875
1300 ORNAMENTALS TURF	5	1.5	65,757	215,427	*	0
1400 CORN	4	0.2	0	44,103	*	0
1500 GRAIN SORGHUM	2	0.0	0	22,687	*	0
1700 WHEAT	49	13.7	344,917	1,382,638	*	100,059
1800 OTHER SMALL GRAINS	42	9.0	212,687	1,056,228	*	41,143
1900 PASTURE	3	0.3	6,900	22,774	*	0
2000 FORAGE CROPS	33	6.7	93,533	853,356	*	1,476
2500 OTHER OILSEED CROPS	11	1.4	31,970	214,098	*	0
2700 SUGAR CROPS	5	1.1	532	193,952	*	0
2800 MISC NEW CROPS	4	0.4	12,552	38,345	*	0
3000 BEEF CATTLE	26	13.1	360,506	2,477,772	*	2,441
3100 DAIRY CATTLE	3	1.3	6,771	466,354	*	0
3200 SWINE	6	1.2	117,283	426,217	*	16,633
3300 SHEEP AND WOOL	5	4.3	52,456	570,947	*	813
3400 OTHER ANIMALS	2	0.4	16,784	152,162	*	0
3600 FARM SUPP & FACILITS	3	0.6	12,697	175,934	*	0
3800 FOOD	1	0.0	0	49	*	0
3900 HOUSING & EQUIP	2	0.3	23,808	33,832	*	0
4000 PEOPLE AS INDIVIDUALS	8	1.2	15,522	73,056	*	0
4100 FAMILY MEMBERS	1	0.0	0	7,258	*	0
4200 FARM AS BUSINESS	1	0.0	3,340	4,903	*	0
4300 SOC POLIT ORGANIZ	2	0.5	9,272	36,566	*	0
4400 AGRIC ECONOMY U S	4	1.2	10,524	158,524	*	0
6100 WEEDS	1	0.0	0	33,064	*	5,339
6200 SEED RESEARCH	2	0.7	2,440	80,339	*	0
6300 BIO CELL SYSTEMS	2	0.4	2,828	54,944	*	0
6500 INVERTEBRATES	1	0.2	11,190	17,943	*	0
6600 MICROORGANISMS VIRUSES	4	0.4	11,629	54,389	*	0
6700 PLANTS	10	1.6	30,220	200,854	*	3,939
6800 ANIMALS(VERTEBRATES)	2	0.1	29,485	217,113	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.2	0	10,601	*	0
TOTAL		77.1	1,787,974	11,141,791	*	201,313

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- NEBRASKA LINCOLN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	30	7.0	113,999	809,518	*	65,948
0200 WATER	24	3.3	70,006	515,742	*	53,121
0400 AIR AND CLIMATE	6	0.9	23,613	224,471	*	29,823
0600 TIMBER FORST PRODUCT	9	2.1	89,847	219,664	*	0
0700 RANGE	14	1.9	45,573	403,819	*	6,081
0800 WILDLIFE AND FISH	3	0.9	7,402	65,771	*	0
1000 FRUIT NUTS DECIDUCUS	1	0.2	2,773	19,608	*	0
1100 POTATOES	4	0.6	29,439	177,870	*	0
1200 VEGETABLES	17	3.6	70,586	472,730	*	0
1300 ORNAMENTALS TURF	9	3.0	58,087	360,623	*	0
1400 CORN	64	11.7	343,814	2,102,520	*	193,391
1500 GRAIN SORGHUM	48	6.2	149,800	1,344,471	*	286,925
1700 WHEAT	34	8.2	161,855	1,112,771	*	170,552
1800 OTHER SMALL GRAINS	17	2.2	48,841	300,414	*	26,684
1900 PASTURE	3	0.2	4,110	57,649	*	3,726
2000 FORAGE CROPS	27	4.7	115,427	767,073	*	120,252
2300 SOYBEANS	36	4.9	140,859	981,916	*	41,608
2500 OTHER OILSEED CROPS	2	0.2	2,947	21,652	*	0
2700 SUGAR CROPS	9	0.7	17,678	195,081	*	0
2800 MISC NEW CROPS	1	0.1	1,780	14,306	*	0
2900 POULTRY	8	3.6	85,559	518,666	*	0
3000 BEEF CATTLE	40	16.6	444,829	7,818,426	*	775,801
3100 DAIRY CATTLE	16	3.4	88,291	839,833	*	19,926
3200 SWINE	26	10.1	291,480	2,830,061	*	90,538
3300 SHEEP AND WOOL	7	1.4	21,414	467,519	*	47,833
3400 OTHER ANIMALS	2	0.6	0	86,506	*	0
3600 FARM SUPP & FACILITS	3	0.4	9,490	440,087	*	3,579
3700 CLOTHING & TEXTILES	5	0.7	24,557	76,756	*	0
3800 FOOD	14	2.7	128,608	647,993	*	0
3900 HOUSING & EQUIP	10	0.8	42,247	391,540	*	91,411
4000 PEOPLE AS INDIVIDUALS	12	3.2	30,243	324,484	*	0
4100 FAMILY MEMBERS	5	1.6	32,430	140,448	*	0
4200 FARM AS BUSINESS	4	1.9	15,952	123,762	*	3,950
4300 SOC POLIT ORGANIZ	8	1.7	17,346	128,650	*	0
4400 AGRIC ECONOMY U S	4	1.2	34,982	82,436	*	0
4700 OTH MARKET PROCESS	1	0.1	4,602	5,952	*	0
4800 MARKETING SYSTEMS	3	1.9	45,644	140,675	*	0
6100 WEEDS	4	0.7	21,157	112,953	*	0
6200 SEED RESEARCH	1	1.0	0	457,285	*	0
6300 BIC CELL SYSTEMS	3	0.0	630	24,611	*	17,568
6400 EXP DESIGN/STAT METHOD	2	2.7	54	192,794	*	0
6500 INVERTEBRATES	2	0.7	10,936	47,068	*	2,673
6600 MICROORGANISMS VIRUSES	13	2.5	26,117	418,132	*	130,790
6700 PLANTS	28	5.7	93,834	878,544	*	127,615
6800 ANIMALS(VERTEBRATES)	8	0.9	7,450	536,895	*	38,645
6900 RESEARCH ON RSCH MGMT	1	0.0	2,085	2,285	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	0.2	4,640	11,051	*	0
TOTAL		129.0	2,979,010	27,913,080	*	2,348,850

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- NEVADA RENO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	9	2.7	71,585	167,284	*	0
0200 WATER	6	1.0	35,685	155,582	*	0
0300 WATERSHEDS RIVER BAS	3	1.5	19,314	115,957	*	55,214
0400 AIR AND CLIMATE	1	0.4	4,049	32,390	*	0
0500 RECREATION RESOURCES	2	0.7	5,038	61,862	*	0
0600 TIMBER FORST PRODUCT	6	0.6	53,627	138,429	*	0
0700 RANGE	20	2.8	48,442	415,718	*	226,730
0800 WILDLIFE AND FISH	9	2.0	37,206	322,251	*	116,929
1100 POTATOES	2	0.3	2,312	52,738	*	0
1200 VEGETABLES	2	0.2	0	36,917	*	0
1300 ORNAMENTALS TURF	3	0.1	0	37,399	*	0
1700 WHEAT	2	0.3	2,312	42,686	*	0
1800 OTHER SMALL GRAINS	2	0.3	2,312	42,686	*	0
1900 PASTURE	1	0.2	0	35,685	*	0
2000 FORAGE CROPS	18	4.5	143,564	683,589	*	62,351
2500 OTHER OILSEED CROPS	1	0.0	0	1,232	*	0
2700 SUGAR CROPS	1	0.0	0	1,232	*	0
2800 MISC NEW CROPS	2	0.0	0	14,697	*	0
3000 BEEF CATTLE	23	6.0	289,254	1,017,385	*	18,706
3100 DAIRY CATTLE	9	0.6	9,021	276,520	*	36,665
3300 SHEEP AND WOOL	7	0.8	24,384	174,308	*	0
3400 OTHER ANIMALS	3	1.2	62,608	175,577	*	0
3500 BEES AND HONEY	2	0.9	36,705	74,610	*	0
3700 CLOTHING & TEXTILES	1	0.2	0	16,894	*	0
3800 FOOD	2	0.5	28,849	46,029	*	0
4000 PEOPLE AS INDIVIDUALS	2	0.3	6,211	12,678	*	0
4100 FAMILY MEMBERS	4	1.8	17,352	53,811	*	0
4200 FARM AS BUSINESS	3	0.7	25,709	116,558	*	0
4300 SOC POLIT ORGANIZ	4	1.2	32,034	97,374	*	6,024
6300 BIO CELL SYSTEMS	5	1.2	41,544	93,876	*	0
6400 EXP DESIGN/STAT METHOD	1	0.0	460	523	*	0
6500 INVERTEBRATES	5	0.8	23,146	109,955	*	1,305
6600 MICROORGANISMS VIRUSES	3	0.2	5,190	19,713	*	0
6700 PLANTS	4	0.3	7,351	26,849	*	6,259
6800 ANIMALS(VERTEBRATES)	2	0.0	7,153	29,588	*	1,104
7000 RSCH EQUIP & TECHNOLOGY	3	0.3	6,243	27,431	*	0
TOTAL		34.6	1,048,703	4,728,011	*	531,289

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- NEW HAMPSHIRE DURHAM SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	4	1.0	39,901	79,095	*	0
0200 WATER	3	0.2	17,133	18,338	*	0
0300 WATERSHEDS RIVER BAS	3	1.0	42,013	43,313	*	0
0400 AIR AND CLIMATE	1	0.2	0	19,316	*	0
0500 RECREATION RESOURCES	1	0.0	1,425	5,455	*	0
0600 TIMBER FORST PRODUCT	17	4.2	188,837	429,153	*	0
0700 RANGE	1	0.1	3,593	4,303	*	0
0800 WILDLIFE AND FISH	4	0.7	52,377	124,446	*	0
1000 FRUIT NUTS DECIDUOUS	4	1.1	61,964	120,505	*	0
1200 VEGETABLES	3	1.5	85,752	162,385	*	0
1300 ORNAMENTALS TURF	4	0.9	18,572	66,195	*	0
2000 FORAGE CROPS	5	1.8	105,629	350,525	*	0
2300 SOYBEANS	1	0.5	43,222	51,243	*	0
2900 POULTRY	5	2.5	237,789	403,892	*	0
3000 BEEF CATTLE	1	0.1	2,469	4,941	*	0
3100 DAIRY CATTLE	8	1.1	101,652	167,033	*	0
3300 SHEEP AND WOOL	1	0.1	3,086	6,176	*	0
3400 OTHER ANIMALS	4	1.4	73,576	173,990	*	0
3800 FOOD	1	0.0	7	37	*	0
3900 HOUSING & EQUIP	3	0.1	17,029	40,337	*	0
4000 PEOPLE AS INDIVIDUALS	6	0.7	27,104	86,593	*	0
4100 FAMILY MEMBERS	3	0.0	3,375	15,980	*	0
4200 FARM AS BUSINESS	1	0.4	19,270	25,682	*	0
4300 SOC POLIT ORGANIZ	2	0.3	15,229	33,747	*	0
4800 MARKETING SYSTEMS	1	0.4	19,270	25,682	*	0
6100 WEEDS	1	0.0	1,745	1,904	*	0
6300 BIO CELL SYSTEMS	3	1.5	45,181	119,149	*	0
6400 EXP DESIGN/STAT METHOD	1	0.1	2,580	3,354	*	0
6500 INVERTEBRATES	5	1.5	44,036	89,336	*	0
6600 MICROORGANISMS VIRUSES	2	0.9	34,643	40,473	*	0
6700 PLANTS	4	0.7	39,642	61,029	*	4,650
6800 ANIMALS(VERTEBRATES)	3	0.5	13,431	44,377	*	350
7000 RSCH EQUIP & TECHNOLOGY	2	0.2	14,699	19,306	*	0
TOTAL		25.8	1,376,230	2,837,293	*	5,000

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- NEW JERSEY NEW BRUNSWICK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	26	5.7	151,529	619,826	*	0
0200 WATER	10	2.6	36,477	154,522	*	0
0300 WATERSHEDS RIVER BAS	1	0.4	0	11,558	*	0
0400 AIR AND CLIMATE	4	1.6	38,562	146,961	*	0
0500 RECREATION RESOURCES	1	0.6	22,269	40,864	*	0
0600 TIMBER FORST PRODUCT	15	2.7	127,360	296,757	*	13,602
0800 WILDLIFE AND FISH	16	4.6	25,823	590,307	*	0
0900 CITRUS SUB TROP FRUT	1	0.0	5,512	15,357	*	0
1000 FRUIT NUTS DECIDUOUS	28	7.3	272,141	846,691	*	0
1100 POTATOES	6	1.0	24,440	123,907	*	0
1200 VEGETABLES	30	8.8	272,522	1,103,775	*	0
1300 ORNAMENTALS TURF	19	7.6	171,950	825,988	*	0
1400 CORN	7	0.5	11,738	63,646	*	0
1700 WHEAT	3	0.1	2,691	16,606	*	0
1800 OTHER SMALL GRAINS	2	0.2	2,925	36,498	*	0
2000 FORAGE CROPS	9	1.3	34,237	187,748	*	0
2200 COTTONSEED	1	0.0	0	4,659	*	0
2300 SOYBEANS	9	0.5	11,450	70,828	*	0
2400 PEANUTS	1	0.0	0	4,659	*	0
2500 OTHER CILSEED CROPS	1	0.0	0	782	*	0
2900 POULTRY	12	3.3	52,137	480,399	*	4,179
3000 BEEF CATTLE	3	0.1	1,641	18,742	*	4,179
3100 DAIRY CATTLE	8	1.4	61,686	226,491	*	4,179
3200 SWINE	6	1.4	13,696	169,656	*	4,179
3300 SHEEP AND WOOL	4	0.7	16,765	67,325	*	2,089
3400 OTHER ANIMALS	8	1.4	7,553	217,604	*	18,604
3500 BEES AND HONEY	1	0.2	7,196	25,657	*	0
3600 FARM SUPP & FACILITS	4	1.4	31,151	94,859	*	0
3800 FOOD	27	7.5	205,537	959,072	*	0
3900 HOUSING & EQUIP	7	2.0	50,177	299,004	*	0
4000 PEOPLE AS INDIVIDUALS	19	3.9	67,138	641,322	*	8,837
4200 FARM AS BUSINESS	2	0.6	17,560	49,278	*	0
4300 SOC POLIT ORGANIZ	13	3.3	103,475	297,672	*	0
4400 AGRIC ECONOMY U S	2	0.2	5,932	20,650	*	0
6300 BIO CELL SYSTEMS	8	2.3	58,896	256,509	*	0
6400 EXP DESIGN/STAT METHOD	1	0.1	0	9,000	*	0
6500 INVERTEBRATES	8	2.8	71,354	292,146	*	0
6600 MICROORGANISMS VIRUSES	11	1.9	26,287	296,315	*	40,487
6700 PLANTS	11	7.6	259,259	657,130	*	229,776
6800 ANIMALS(VERTEBRATES)	5	1.5	22,538	147,767	*	44,262
7000 RSCH EQUIP & TECHNOLOGY	4	0.6	880	37,247	*	0
TOTAL		89.9	2,290,485	10,465,784	*	374,374

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- NEW MEXICO UNIVERSITY PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	17	3.4	85,100	315,680	*	22,966
0200 WATER	11	2.5	22,679	262,003	*	0
0300 WATERSHEDS RIVER BAS	1	0.1	8,525	9,608	*	0
0400 AIR AND CLIMATE	1	0.2	0	10,063	*	0
0500 RECREATION RESOURCES	2	0.6	24,930	39,017	*	0
0600 TIMBER FORST PRODUCT	7	1.7	49,704	376,824	*	41,280
0700 RANGE	20	6.8	86,186	772,158	*	203,693
0800 WILDLIFE AND FISH	8	3.4	79,564	383,234	*	3,739
1000 FRUIT NUTS DECIDUOUS	16	3.3	9,028	232,622	*	0
1100 POTATOES	4	0.2	287	12,406	*	0
1200 VEGETABLES	26	10.3	138,533	990,090	*	56,625
1300 ORNAMENTALS TURF	5	1.0	19,404	131,352	*	22,601
1400 CORN	9	1.8	14,186	224,768	*	0
1500 GRAIN SORGHUM	11	1.7	12,752	261,788	*	1,730
1700 WHEAT	10	1.3	7,058	117,039	*	0
1800 OTHER SMALL GRAINS	5	0.6	1,772	53,420	*	0
1900 PASTURE	2	0.2	0	17,655	*	0
2000 FORAGE CROPS	27	8.5	146,625	1,117,004	*	253,742
2100 COTTON	17	4.9	157,520	533,942	*	23,303
2300 SOYBEANS	3	0.2	0	21,554	*	0
2400 PEANUTS	4	0.3	287	76,543	*	0
2500 OTHER OILSEED CROPS	3	0.2	0	34,164	*	0
2700 SUGAR CROPS	3	0.2	0	24,591	*	0
2800 MISC NEW CROPS	5	2.4	97,620	224,072	*	13,159
2900 POULTRY	4	0.8	5,993	116,555	*	0
3000 BEEF CATTLE	28	9.9	393,573	1,588,935	*	74,956
3100 DAIRY CATTLE	4	0.8	42,600	57,216	*	0
3300 SHEEP AND WOOL	12	1.3	3,413	137,642	*	13,817
3400 OTHER ANIMALS	3	0.5	5,993	100,959	*	7,001
3600 FARM SUPP & FACILITS	1	0.3	0	41,896	*	0
3800 FOOD	1	0.4	27,745	40,772	*	0
3900 HOUSING & EQUIP	2	0.4	11,390	24,627	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.2	2,944	16,478	*	0
4100 FAMILY MEMBERS	1	0.7	15,766	50,704	*	0
4200 FARM AS BUSINESS	2	0.3	11,469	29,913	*	0
4300 SOC POLIT ORGANIZ	4	1.8	23,491	214,582	*	0
6100 WEEDS	1	0.2	11,684	17,349	*	0
6400 EXP DESIGN/STAT METHOD	1	0.0	0	975	*	0
6700 PLANTS	7	1.6	47,939	190,785	*	5,320
6800 ANIMALS(VERTEBRATES)	5	0.7	23,007	83,010	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	0.4	0	31,218	*	0
TOTAL		76.5	1,592,765	8,985,210	*	743,934

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- NEW YORK GENEVA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	2	0.4	18,864	53,090	*	0
0200 WATER	1	0.1	0	7,200	*	0
0400 AIR AND CLIMATE	1	0.2	3,375	31,785	*	0
0600 TIMBER FORST PRODUCT	1	0.0	0	5,202	*	0
0800 WILDLIFE AND FISH	2	0.0	0	11,784	*	11,783
1000 FRUIT NUTS DECIDUOUS	68	29.9	318,491	3,673,543	*	237,490
1100 POTATOES	2	0.1	1,442	11,047	*	0
1200 VEGETABLES	56	22.5	306,530	2,377,227	*	192,322
1300 ORNAMENTALS TURF	5	0.1	6,375	59,296	*	0
1400 CORN	1	0.6	0	32,110	*	0
2000 FORAGE CROPS	2	0.1	33,472	40,675	*	0
2800 MISC NEW CROPS	2	0.5	0	24,419	*	0
2900 POULTRY	2	0.0	0	11,784	*	11,783
3800 FOOD	7	2.9	2,774	251,729	*	0
4100 FAMILY MEMBERS	1	0.1	3,550	16,993	*	0
6200 SEED RESEARCH	8	2.5	18,035	229,009	*	0
6300 BIO CELL SYSTEMS	1	0.3	0	20,713	*	0
6500 INVERTEBRATES	1	1.0	0	323,312	*	25,290
6700 PLANTS	2	*0.5	0	31,935	*	362
6800 ANIMALS(VERTEBRATES)	2	0.0	0	15,712	*	15,711
TOTAL		61.9	712,909	7,228,563	*	494,744

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- NEW YORK ITHACA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	43	15.1	198,130	1,824,204	*	201,250
0200 WATER	37	11.3	84,957	1,123,399	*	18,260
0300 WATERSHEDS RIVER BAS	3	0.7	1,458	51,753	*	0
0400 AIR AND CLIMATE	1	0.4	12,106	46,938	*	0
0500 RECREATION RESOURCES	4	2.0	13,547	411,835	*	10,052
0600 TIMBER FORST PRODUCT	27	4.7	123,277	587,915	*	7,297
0700 RANGE	1	0.1	0	11,069	*	0
0800 WILDLIFE AND FISH	36	10.9	65,883	1,584,381	*	125
0900 CITRUS SUB TROP FRUT	1	0.1	1,791	8,568	*	0
1000 FRUIT NUTS DECIDUOUS	23	6.9	123,486	740,745	*	25,221
1100 POTATOES	32	12.3	161,499	1,347,996	*	198,353
1200 VEGETABLES	58	13.7	277,917	2,160,311	*	92,404
1300 ORNAMENTALS TURF	19	6.6	78,623	749,380	*	779
1400 CORN	30	9.7	138,439	1,466,897	*	40,582
1500 GRAIN SORGHUM	1	0.1	687	8,142	*	0
1600 RICE	5	0.6	647	66,565	*	5,881
1700 WHEAT	11	1.7	24,597	266,476	*	14,291
1800 OTHER SMALL GRAINS	10	2.5	26,252	277,062	*	21,177
1900 PASTURE	2	0.1	1,969	15,453	*	0
2000 FORAGE CROPS	25	7.1	172,160	1,170,703	*	72,339
2300 SOYBEANS	6	1.3	23,786	227,710	*	2,686
2500 OTHER OILSEED CROPS	4	0.4	5,702	40,502	*	3,841
2900 POULTRY	27	7.4	207,031	1,337,646	*	28,684
3000 BEEF CATTLE	12	2.5	129,451	454,631	*	10,592
3100 DAIRY CATTLE	62	22.3	405,239	3,166,815	*	35,272
3200 SWINE	5	1.2	24,891	150,020	*	0
3300 SHEEP AND WOOL	8	1.3	29,928	180,208	*	9,296
3400 OTHER ANIMALS	7	2.0	8,896	428,604	*	11,563
3500 BEES AND HONEY	2	0.7	7,160	140,942	*	0
3600 FARM SUPP & FACILITS	4	1.3	29,658	236,791	*	0
3700 CLOTHING & TEXTILES	3	1.1	56,585	123,372	*	0
3800 FOOD	39	13.7	174,316	1,578,177	*	313,712
3900 HOUSING & EQUIP	15	5.2	41,225	496,603	*	47,222
4000 PEOPLE AS INDIVIDUALS	76	27.9	266,978	3,373,416	*	189,015
4100 FAMILY MEMBERS	9	7.5	36,678	766,806	*	0
4200 FARM AS BUSINESS	9	2.7	41,529	198,261	*	12,344
4300 SOC POLIT ORGANIZ	21	6.4	145,584	434,321	*	74,749
4400 AGRIC ECONOMY U S	1	0.1	822	6,228	*	0
4500 AGRIC ECONOMY FORGN	3	0.8	0	74,720	*	3,177
4600 FARM COOPERATIVES	2	0.5	5,952	38,890	*	0
4700 OTH MARKET PROCESS	3	1.7	14,277	298,235	*	0
4800 MARKETING SYSTEMS	10	2.9	40,714	230,182	*	38,163
6100 WEEDS	2	1.0	5,537	63,749	*	0
6200 SEED RESEARCH	1	0.0	4,533	5,467	*	0
6300 BIO CELL SYSTEMS	38	17.2	203,256	2,819,746	*	3,648
6400 EXP DESIGN/STAT METHOD	8	5.0	40,976	324,121	*	0
6500 INVERTEBRATES	16	7.2	57,863	1,244,182	*	0
6600 MICROORGANISMS VIRUSES	29	10.4	113,725	1,943,854	*	194,926
6700 PLANTS	27	10.2	74,897	1,166,726	*	356,078
6800 ANIMALS(VERTEBRATES)	17	8.5	45,545	1,133,222	*	0
6900 RESEARCH ON RSCH MGMT	1	3.7	0	340,424	*	0
7000 RSCH EQUIP & TECHNOLOGY	7	6.2	33,527	647,477	*	0
TOTAL		286.9	3,785,686	37,591,439	*	2,042,986

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- NORTH CAROLINA RALEIGH SAES

CLASSIFICATION CATEGORY	NO OF EPOJ	SCIENTIST YEARS 1983	FED FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	42	12.7	203,213	1,573,798	*	59,522
0200 WATER	17	3.6	96,063	575,943	*	91,280
0300 WATERSHEDS RIVER BAS	3	0.8	24,417	54,008	*	175
0400 AIR AND CLIMATE	3	0.4	48,195	100,815	*	2,768
0500 RECREATION RESOURCES	3	1.0	44,774	141,741	*	13,395
0600 TIMBER FORST PRODUCT	49	19.1	404,577	2,589,881	*	356,397
0800 WILDLIFE AND FISH	17	4.6	62,975	745,035	*	397
1000 FRUIT NUTS DECIDUOUS	54	13.8	360,677	2,486,094	*	13,335
1100 POTATOES	13	2.4	28,957	271,860	*	406
1200 VEGETABLES	59	16.9	280,172	2,851,170	*	70,907
1300 ORNAMENTALS TURF	24	7.5	123,087	1,072,356	*	88
1400 CORN	55	12.6	206,932	2,070,435	*	89,755
1500 GRAIN SORGHUM	1	0.0	0	13,315	*	0
1600 RICE	2	2.3	0	617	*	0
1700 WHEAT	9	1.2	27,248	106,671	*	3,541
1800 OTHER SMALL GRAINS	5	1.2	22,553	87,851	*	0
1900 PASTURE	3	0.1	9,347	77,935	*	0
2000 FORAGE CROPS	18	2.9	122,612	812,679	*	0
2100 COTTON	20	3.3	94,326	420,673	*	4,010
2300 SOYBEANS	62	10.8	376,490	1,961,728	*	104,629
2400 PEANUTS	33	6.3	145,538	1,258,395	*	41,061
2500 OTHER OILSEED CROPS	1	0.0	1,156	4,974	*	767
2600 TOBACCO	68	20.8	359,029	4,258,716	*	51,605
2800 MISC NEW CROPS	5	0.9	25,507	121,980	*	3,003
2900 POULTRY	53	15.5	459,915	3,047,672	*	28,672
3000 BEEF CATTLE	35	8.4	240,333	1,587,970	*	18,574
3100 DAIRY CATTLE	44	13.0	543,494	2,575,102	*	30,503
3200 SWINE	43	9.0	311,666	1,793,395	*	81,532
3300 SHEEP AND WOOL	10	0.8	42,302	303,108	*	27,833
3400 OTHER ANIMALS	15	3.0	85,341	409,301	*	0
3500 BEES AND HONEY	2	0.3	0	57,894	*	0
3600 FARM SUPP & FACILITS	1	0.2	70	6,733	*	0
3700 CLOTHING & TEXTILES	3	0.2	5,636	57,002	*	0
3800 FOOD	14	2.3	94,065	281,789	*	21,935
3900 HOUSING & EQUIP	5	0.6	20,455	114,239	*	0
4000 PEOPLE AS INDIVIDUALS	21	5.8	120,395	397,515	*	16,064
4100 FAMILY MEMBERS	9	2.0	80,829	150,834	*	0
4200 FARM AS BUSINESS	3	0.2	12,998	44,913	*	9,915
4300 SOC POLIT ORGANIZ	13	1.9	77,261	209,355	*	8,180
4400 AGRIC ECONOMY U S	1	0.6	16,878	51,855	*	0
4700 OTH MARKET PROCESS	1	0.1	0	11,142	*	0
4800 MARKETING SYSTEMS	1	0.0	3,457	5,256	*	0
6100 WEEDS	10	1.4	69,828	333,219	*	67,886
6200 SEED RESEARCH	1	0.2	0	12,114	*	205
6300 BIO CELL SYSTEMS	21	4.3	147,369	841,152	*	22,021
6400 EXP DESIGN/STAT METHOD	5	2.3	8,443	187,157	*	0
6500 INVERTEBRATES	21	5.5	68,117	767,374	*	21,175
6600 MICROORGANISMS VIRUSES	18	2.7	72,059	449,070	*	117,419
6700 PLANTS	37	7.3	77,650	1,751,157	*	191,056
6800 ANIMALS(VERTEBRATES)	20	4.4	114,203	891,314	*	0
7000 RSCH EQUIP & TECHNOLOGY	6	1.4	20,992	106,391	*	877
TOTAL		238.5	5,801,600	40,102,693	*	1,570,901

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- NORTH DAKOTA FARGO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	29	15.8	115,900	1,234,048	*	0
0200 WATER	19	5.7	84,571	466,297	*	0
0300 WATERSHEDS RIVER BAS	2	0.8	0	55,643	*	4,589
0400 AIR AND CLIMATE	7	1.8	20,255	114,901	*	0
0600 TIMBER FORST PRODUCT	2	1.3	63,030	181,450	*	0
0700 RANGE	14	4.0	50,109	569,853	*	29,184
0800 WILDLIFE AND FISH	1	0.0	0	4,350	*	0
1000 FRUIT NUTS DECIDUOUS	2	0.4	6,376	65,490	*	0
1100 POTATOES	9	3.1	110,546	457,163	*	0
1200 VEGETABLES	18	2.8	41,907	279,570	*	20,391
1300 ORNAMENTALS TURF	4	0.0	5,141	37,169	*	0
1400 CORN	15	1.7	30,846	182,596	*	2,332
1700 WHEAT	58	16.7	367,753	2,106,633	*	40,119
1800 OTHER SMALL GRAINS	46	8.7	105,279	1,052,309	*	31,772
1900 PASTURE	4	0.3	7,128	31,741	*	0
2000 FORAGE CROPS	13	1.8	26,416	200,082	*	0
2300 SOYBEANS	7	0.9	17,060	106,886	*	0
2500 OTHER OILSEED CROPS	37	9.8	133,441	1,166,325	*	114,785
2700 SUGAR CROPS	8	2.6	27,529	269,108	*	0
2800 MISC NEW CROPS	7	0.9	2,913	66,832	*	8,967
2900 POULTRY	2	0.0	2,330	17,381	*	0
3000 BEEF CATTLE	32	12.6	262,358	1,469,465	*	17,992
3100 DAIRY CATTLE	7	2.1	43,631	427,039	*	0
3200 SWINE	14	5.4	71,530	623,705	*	62,533
3300 SHEEP AND WOOL	10	2.0	66,487	450,565	*	0
3400 OTHER ANIMALS	3	0.3	3,483	49,909	*	0
3600 FARM SUPP & FACILITS	2	0.7	10,560	92,458	*	13,809
3700 CLOTHING & TEXTILES	2	0.1	3,967	10,791	*	0
3800 FOOD	3	0.8	0	100,617	*	0
3900 HOUSING & EQUIP	8	3.2	22,828	299,460	*	0
4000 PEOPLE AS INDIVIDUALS	3	1.2	39,627	86,019	*	0
4100 FAMILY MEMBERS	2	0.4	0	34,195	*	0
4200 FARM AS BUSINESS	4	1.8	8,790	127,911	*	0
4300 SOC POLIT ORGANIZ	5	5.1	0	316,325	*	0
4400 AGRIC ECONOMY U S	4	0.4	3,051	59,542	*	0
4500 AGRIC ECONOMY FORGN	1	0.0	690	945	*	0
4600 FARM COOPERATIVES	1	0.1	3,053	9,122	*	0
4700 OTH MARKET PROCESS	1	0.1	1,886	2,320	*	0
4800 MARKETING SYSTEMS	7	3.7	54,317	267,389	*	0
6100 WEEDS	2	0.2	5,048	28,069	*	5,700
6300 BIC CELL SYSTEMS	9	2.6	54,223	269,251	*	9,244
6400 EXP DESIGN/STAT METHOD	2	1.6	8,130	102,668	*	0
6500 INVERTEBRATES	3	0.8	21,464	84,871	*	0
6600 MICROORGANISMS VIRUSES	10	5.4	78,358	429,860	*	50,790
6700 PLANTS	15	7.8	61,225	1,477,295	*	185,590
6800 ANIMALS(VERTEBRATES)	7	3.7	23,953	755,977	*	8,087
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	0	6,242	*	1,013
TOTAL		141.6	2,066,791	16,264,838	*	606,901

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- OHIO WOOSTER SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	31	7.1	271,988	1,224,957	*	0
0200 WATER	13	1.3	81,202	520,565	*	0
0300 WATERSHEDS RIVER BAS	2	0.2	0	45,022	*	0
0400 AIR AND CLIMATE	2	0.7	45,643	149,212	*	2
0500 RECREATION RESOURCES	4	0.2	0	77,107	*	11,323
0600 TIMBER FORST PRODUCT	26	7.8	293,134	1,090,520	*	37,120
0800 WILDLIFE AND FISH	2	0.7	27,440	92,689	*	0
1000 FRUIT NUTS DECIDUCUS	23	5.5	349,346	1,425,071	*	2,708
1100 POTATOES	8	0.6	26,652	140,328	*	20,172
1200 VEGETABLES	26	7.0	442,295	1,698,522	*	206
1300 ORNAMENTALS TURF	23	6.5	312,189	1,217,175	*	26,002
1400 CORN	30	7.8	419,989	1,632,414	*	15,425
1700 WHEAT	12	1.3	77,925	453,845	*	0
1800 OTHER SMALL GRAINS	3	0.1	3,541	15,645	*	0
1900 PASTURE	2	0.5	38,958	211,397	*	0
2000 FORAGE CROPS	8	2.3	167,744	659,705	*	0
2300 SOYBEANS	27	6.4	311,591	1,186,911	*	25,618
2500 OTHER OILSEED CROPS	1	0.1	0	11,427	*	0
2600 TOBACCO	1	0.4	0	104,078	*	0
2700 SUGAR CROPS	2	0.7	22,062	108,341	*	0
2800 MISC NEW CROPS	2	0.1	0	12,358	*	0
2900 POULTRY	16	3.7	198,496	1,145,231	*	47,815
3000 BEEF CATTLE	17	5.0	208,503	1,518,016	*	46,250
3100 DAIRY CATTLE	37	9.6	560,088	2,280,429	*	62,978
3200 SWINE	14	4.4	267,548	1,502,422	*	2,786
3300 SHEEP AND WOOL	6	2.4	151,147	899,005	*	2,658
3400 OTHER ANIMALS	3	0.3	15,112	48,968	*	0
3500 BEES AND HONEY	1	0.2	7,996	31,719	*	0
3600 FARM SUPP & FACILITS	4	1.0	10,074	179,079	*	15,111
3700 CLOTHING & TEXTILES	1	0.6	30,835	80,581	*	0
3800 FOOD	13	1.7	84,832	233,511	*	0
3900 HOUSING & EQUIP	4	0.8	30,846	183,409	*	40,064
4000 PEOPLE AS INDIVIDUALS	7	1.6	51,043	197,179	*	0
4100 FAMILY MEMBERS	11	2.5	75,198	301,927	*	0
4200 FARM AS BUSINESS	8	2.1	60,750	263,625	*	0
4300 SOC POLIT ORGANIZ	6	1.8	58,831	266,898	*	0
4400 AGRIC ECONOMY U S	4	1.0	40,125	139,920	*	0
4800 MARKETING SYSTEMS	3	0.7	27,011	96,040	*	0
6100 WEEDS	1	0.2	5,230	17,746	*	0
6500 INVERTEBRATES	1	0.9	54,297	156,028	*	0
6600 MICROORGANISMS VIRUSES	3	0.4	25,593	74,506	*	0
6700 PLANTS	13	1.8	110,639	428,946	*	66,193
6800 ANIMALS(VERTEBRATES)	2	0.7	53,032	173,708	*	7,168
TOTAL		100.9	5,018,925	22,326,184	*	429,602

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- OKLAHOMA STILLWATER SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	13	5.5	168,137	526,760	*	0
0200 WATER	12	5.0	46,376	391,286	*	4,671
0300 WATERSHEDS RIVER BAS	1	1.9	87,261	200,890	*	0
0600 TIMBER FORST PRODUCT	14	4.7	126,447	652,175	*	0
0700 RANGE	4	2.6	22,679	352,284	*	0
1000 FRUIT NUTS DECIDUCUS	12	3.2	16,839	393,868	*	0
1200 VEGETABLES	10	3.1	60,641	367,867	*	13,814
1300 ORNAMENTALS TURF	8	1.9	93,827	253,261	*	0
1400 CORN	5	1.2	849	114,193	*	957
1500 GRAIN SORGHUM	19	4.2	164,942	628,473	*	1,522
1700 WHEAT	32	12.6	156,612	1,641,075	*	957
1800 OTHER SMALL GRAINS	10	1.1	11,957	223,226	*	0
1900 PASTURE	7	1.4	49,760	171,911	*	0
2000 FORAGE CROPS	18	5.9	249,409	902,272	*	812
2100 COTTON	12	6.2	169,342	970,779	*	0
2300 SOYBEANS	5	1.5	17,983	224,633	*	0
2400 PEANUTS	13	3.8	28,163	594,448	*	4,378
2800 MISC NEW CROPS	3	0.6	0	87,260	*	0
2900 POULTRY	1	0.8	0	161,931	*	0
3000 BEEF CATTLE	42	13.2	596,253	2,993,460	*	84,387
3100 DAIRY CATTLE	14	4.6	148,827	678,831	*	0
3200 SWINE	9	2.8	324,420	791,175	*	0
3300 SHEEP AND WOOL	5	0.8	27,691	265,873	*	18,209
3500 BEES AND HONEY	1	0.0	0	12,408	*	0
3600 FARM SUPP & FACILITS	2	1.3	0	211,559	*	0
3800 FOOD	3	1.6	0	152,255	*	0
3900 HOUSING & EQUIP	5	1.5	13,106	140,610	*	0
4000 PEOPLE AS INDIVIDUALS	5	0.9	20,555	177,612	*	0
4100 FAMILY MEMBERS	1	0.0	0	21,822	*	0
4200 FARM AS BUSINESS	11	4.0	20,418	273,359	*	957
4300 SOC POLIT ORGANIZ	3	1.3	98,861	157,926	*	2,189
4400 AGRIC ECONOMY U S	5	2.8	0	325,685	*	16,681
4800 MARKETING SYSTEMS	2	0.6	0	32,254	*	0
6100 WEEDS	1	0.1	7,995	19,903	*	0
6300 BIC CELL SYSTEMS	5	3.2	28,063	337,604	*	0
6500 INVERTEBRATES	3	1.5	50,163	268,079	*	13,495
6600 MICROORGANISMS VIRUSES	1	0.1	0	3,155	*	0
6700 PLANTS	14	4.2	37,843	510,158	*	82,609
6800 ANIMALS(VERTEBRATES)	5	2.4	6,428	255,360	*	0
6900 RESEARCH ON RSCH MGMT	1	0.7	0	52,983	*	0
TOTAL		115.0	2,851,848	16,540,663	*	245,641

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- OREGON CORVALLIS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	19	8.4	92,315	598,881	*	67,620
0200 WATER	11	2.8	33,300	217,589	*	5,930
0300 WATERSHEDS RIVER BAS	2	1.8	1,314	126,038	*	35,926
0500 RECREATION RESOURCES	1	0.1	4,642	9,492	*	3,833
0600 TIMBER FORST PRODUCT	12	3.6	16,804	270,114	*	5,750
0700 RANGE	10	2.6	9,732	237,476	*	11,210
0800 WILDLIFE AND FISH	48	19.5	116,134	1,830,228	*	117,848
1000 FRUIT NUTS DECIDUCUS	46	25.5	260,856	1,842,989	*	319,084
1100 POTATOES	17	6.4	56,890	542,457	*	3,456
1200 VEGETABLES	35	9.9	189,277	782,875	*	0
1300 ORNAMENTALS TURF	17	5.9	49,071	430,732	*	50,189
1400 CORN	3	0.2	0	25,893	*	0
1500 GRAIN SORGHUM	1	0.3	2,753	16,352	*	0
1700 WHEAT	22	17.0	143,377	835,981	*	122,199
1800 OTHER SMALL GRAINS	19	6.9	38,857	356,054	*	28,543
1900 PASTURE	4	0.6	1,435	55,198	*	0
2000 FORAGE CROPS	26	7.7	22,876	668,343	*	223,525
2300 SOYBEANS	1	1.4	21,511	79,467	*	0
2500 OTHER OILSEED CROPS	4	1.7	0	223,391	*	0
2700 SUGAR CROPS	3	0.3	9,443	28,242	*	0
2800 MISC NEW CROPS	15	6.9	81,427	445,399	*	96,587
2900 POULTRY	12	5.2	88,234	559,896	*	2,844
3000 BEEF CATTLE	27	10.7	245,440	1,331,499	*	3,040
3100 DAIRY CATTLE	15	4.6	113,189	854,802	*	0
3200 SWINE	9	1.5	36,708	330,269	*	0
3300 SHEEP AND WOOL	13	3.7	65,299	432,276	*	1,824
3400 OTHER ANIMALS	8	2.2	22,707	165,401	*	0
3500 BEES AND HONEY	3	1.9	51,075	131,701	*	22,912
3800 FOOD	5	2.7	46,924	101,180	*	1,240
3900 HOUSING & EQUIP	3	0.7	30,922	83,704	*	0
4000 PEOPLE AS INDIVIDUALS	9	2.3	41,517	187,051	*	33,948
4100 FAMILY MEMBERS	5	0.7	23,308	60,395	*	16,974
4200 FARM AS BUSINESS	3	0.7	3,737	19,768	*	1,216
4300 SOC POLIT ORGANIZ	10	2.8	42,767	261,929	*	51,579
4400 AGRIC ECONOMY U S	3	1.5	2,289	85,851	*	0
4500 AGRIC ECONOMY FORGN	1	0.9	46,045	100,210	*	17,077
4600 FARM COOPERATIVES	1	0.0	0	22,824	*	13,000
6100 WEEDS	1	0.1	938	8,245	*	0
6200 SEED RESEARCH	7	6.5	74,122	867,632	*	0
6300 BIO CELL SYSTEMS	5	4.2	1,419	192,788	*	0
6400 EXP DESIGN/STAT METHOD	3	1.0	2,645	235,126	*	0
6500 INVERTEBRATES	6	4.8	100,751	421,358	*	0
6600 MICROORGANISMS VIRUSES	9	2.4	28,925	215,428	*	54,207
6700 PLANTS	19	8.5	104,529	861,889	*	102,945
6800 ANIMALS(VERTEBRATES)	9	3.6	0	786,215	*	403
6900 RESEARCH ON RSCH MGMT	7	9.9	35,543	1,711,601	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	0.0	438	20,681	*	0
TOTAL		212.4	2,361,485	19,672,914	*	1,414,917

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- PENNSYLVANIA COLLEGE PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	18	9.0	271,785	1,091,000	*	27,144
0200 WATER	5	1.3	33,094	111,449	*	0
0300 WATERSHEDS RIVER BAS	5	0.5	30,196	699,071	*	21,148
0400 AIR AND CLIMATE	1	0.2	3,041	13,050	*	0
0500 RECREATION RESOURCES	3	0.2	482	52,138	*	25
0600 TIMBER FORST PRODUCT	27	6.9	270,277	875,286	*	15,262
0800 WILDLIFE AND FISH	16	2.0	89,144	362,000	*	14,658
1000 FRUIT NUTS DECIDUCUS	23	9.2	385,899	1,321,203	*	28,781
1100 POTATOES	8	1.9	62,932	328,583	*	27,108
1200 VEGETABLES	24	9.8	389,134	1,196,821	*	257
1300 ORNAMENTALS TURF	19	6.5	176,063	717,992	*	34,899
1400 CORN	17	5.4	241,667	666,441	*	4,909
1600 RICE	1	0.2	7,764	47,898	*	1,200
1700 WHEAT	8	1.6	46,434	201,108	*	16,079
1800 OTHER SMALL GRAINS	6	0.6	15,031	88,103	*	13,279
1900 PASTURE	1	0.6	12,053	43,777	*	0
2000 FORAGE CROPS	20	7.7	283,295	874,696	*	89,768
2300 SOYBEANS	1	0.1	2,001	7,688	*	0
2600 TOBACCO	2	0.6	11,985	47,665	*	0
2900 POULTRY	22	9.7	403,620	1,348,688	*	58,293
3000 BEEF CATTLE	10	2.7	108,755	412,506	*	21,069
3100 DAIRY CATTLE	26	12.1	548,033	1,785,698	*	133,791
3200 SWINE	12	3.9	182,632	530,869	*	3,960
3300 SHEEP AND WOOL	4	1.5	34,493	201,378	*	36,310
3400 OTHER ANIMALS	8	1.9	106,964	181,300	*	4,171
3500 BEES AND HONEY	2	0.8	10,578	33,213	*	0
3600 FARM SUPP & FACILITS	6	2.1	51,020	142,841	*	0
3800 FOOD	12	3.7	196,585	365,501	*	1,418
3900 HOUSING & EQUIP	5	2.1	59,031	228,529	*	0
4000 PEOPLE AS INDIVIDUALS	14	5.2	202,129	380,292	*	0
4100 FAMILY MEMBERS	3	1.1	49,159	91,598	*	0
4200 FARM AS BUSINESS	2	3.0	82,586	202,238	*	0
4300 SOC POLIT ORGANIZ	9	6.2	291,204	528,373	*	20,784
4400 AGRIC ECONOMY U S	1	0.2	3,886	16,671	*	0
4500 AGRIC ECONOMY FORGN	2	5.4	3,384	128,218	*	19,005
4800 MARKETING SYSTEMS	4	1.8	95,009	158,056	*	3,434
6100 WEEDS	1	0.3	23,205	24,861	*	0
6300 BIO CELL SYSTEMS	2	0.3	35,127	49,012	*	10,754
6500 INVERTEBRATES	5	1.5	37,818	181,970	*	23,084
6600 MICROORGANISMS VIRUSES	9	2.0	136,247	174,525	*	0
6700 PLANTS	18	6.8	194,465	746,653	*	192,939
6800 ANIMALS(VERTEBRATES)	6	1.2	59,547	242,641	*	124,762
7000 RSCH EQUIP & TECHNOLOGY	4	0.7	40,750	65,632	*	0
TOTAL		140.7	5,288,506	16,967,232	*	948,295

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- PUERTO RICO RIO PIEDRAS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	3	0.8	9,949	88,189	*	0
0200 WATER	2	0.8	34,786	72,583	*	0
0400 AIR AND CLIMATE	1	0.3	0	31,067	*	0
0600 TIMBER FORST PRODUCT	2	0.6	6,895	13,260	*	0
0800 WILDLIFE AND FISH	1	1.8	29,481	44,750	*	0
0900 CITRUS SUB TROP FRUT	20	7.8	351,696	819,297	*	0
1100 POTATOES	2	0.4	15,509	37,152	*	0
1200 VEGETABLES	28	16.3	798,975	2,027,027	*	0
1300 ORNAMENTALS TURF	6	1.1	54,160	123,480	*	0
1400 CORN	3	0.3	11,941	57,898	*	0
1600 RICE	6	1.6	53,710	201,211	*	0
1900 PASTURE	6	2.8	328,209	628,870	*	0
2000 FORAGE CROPS	6	3.9	269,510	623,017	*	0
2300 SOYBEANS	2	0.2	2,409	36,262	*	0
2700 SUGAR CROPS	13	11.1	621,582	1,546,764	*	0
2800 MISC NEW CROPS	12	5.1	249,251	580,232	*	0
2900 POULTRY	3	1.9	89,278	191,402	*	0
3000 BEEF CATTLE	2	0.2	38,521	70,930	*	0
3100 DAIRY CATTLE	3	2.0	276,888	460,121	*	0
3800 FOOD	5	5.4	224,740	459,855	*	0
3900 HOUSING & EQUIP	1	0.9	43,967	71,211	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.1	4,510	10,596	*	0
4100 FAMILY MEMBERS	1	0.1	6,014	14,128	*	0
4200 FARM AS BUSINESS	2	1.0	31,113	68,819	*	0
4300 SOC POLIT ORGANIZ	1	0.1	4,510	10,596	*	0
4400 AGRIC ECONOMY U S	2	0.4	35,691	80,210	*	0
6500 INVERTEBRATES	1	0.1	0	12,734	*	0
6700 PLANTS	1	0.6	0	24,270	*	0
TOTAL		67.7	3,593,296	8,401,928	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- RHODE ISLAND KINGSTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	4	1.0	32,828	437,547	*	0
0200 WATER	3	0.9	20,432	70,279	*	0
0300 WATERSHEDS RIVER BAS	2	0.4	15,355	383,095	*	0
0400 AIR AND CLIMATE	2	0.4	6,960	23,275	*	0
0500 RECREATION RESOURCES	1	0.8	19,745	85,344	*	0
0600 TIMBER FORST PRODUCT	3	2.7	135,380	194,014	*	0
0800 WILDLIFE AND FISH	16	6.9	214,373	905,714	*	0
1000 FRUIT NUTS DECIDUOUS	4	1.0	30,980	112,191	*	2,500
1100 POTATOES	4	1.0	26,195	187,488	*	141,255
1200 VEGETABLES	2	0.7	43,527	80,920	*	0
1300 ORNAMENTALS TURF	6	4.0	159,319	347,450	*	0
1800 OTHER SMALL GRAINS	1	0.1	6,016	10,164	*	0
2000 FORAGE CROPS	1	0.6	38,571	143,466	*	0
2800 MISC NEW CROPS	1	0.1	6,016	10,164	*	0
2900 POULTRY	3	1.4	83,388	157,109	*	34,033
3100 DAIRY CATTLE	1	0.0	3,151	19,485	*	0
3800 FOOD	1	1.1	38,179	65,749	*	0
3900 HOUSING & EQUIP	2	0.6	25,245	52,465	*	0
4000 PEOPLE AS INDIVIDUALS	2	1.1	41,641	71,846	*	0
4300 SOC POLIT ORGANIZ	4	1.1	42,097	107,100	*	0
6500 INVERTEBRATES	1	0.3	6,831	15,884	*	0
6700 PLANTS	6	1.9	78,692	206,805	*	0
TOTAL		28.6	1,082,922	3,647,553	*	177,788

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- SOUTH CAROLINA CLEMSON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	18	4.0	150,854	342,937	*	0
0200 WATER	13	2.0	107,522	274,094	*	0
0300 WATERSHEDS RIVER BAS	1	0.0	2,123	2,658	*	0
0400 AIR AND CLIMATE	3	0.2	11,064	14,682	*	0
0600 TIMBER FORST PRODUCT	4	0.1	5,537	28,114	*	0
0800 WILDLIFE AND FISH	6	2.6	99,222	280,912	*	0
1000 FRUIT NUTS DECIDUOUS	30	12.9	265,719	1,483,028	*	110,012
1200 VEGETABLES	25	10.6	140,319	1,413,698	*	0
1300 ORNAMENTALS TURF	17	4.6	211,108	506,834	*	0
1400 CORN	26	4.0	61,410	397,470	*	0
1500 GRAIN SORGHUM	3	0.2	2,406	19,067	*	0
1700 WHEAT	6	1.1	33,362	137,411	*	0
1800 OTHER SMALL GRAINS	5	0.7	17,123	111,064	*	0
1900 PASTURE	2	0.2	2,966	23,367	*	0
2000 FORAGE CROPS	14	3.0	73,161	398,268	*	11,270
2100 COTTON	15	2.1	33,959	359,830	*	0
2300 SOYBEANS	42	12.6	365,711	1,626,789	*	0
2400 PEANUTS	3	0.3	9,289	87,437	*	0
2500 OTHER OILSEED CROPS	1	0.8	20,119	72,054	*	0
2600 TOBACCO	12	4.8	6,590	767,904	*	0
2700 SUGAR CROPS	1	0.0	17	4,280	*	0
2800 MISC NEW CROPS	1	0.0	528	660	*	0
2900 POULTRY	24	4.6	246,479	807,271	*	0
3000 BEEF CATTLE	21	3.0	172,642	775,370	*	0
3100 DAIRY CATTLE	24	4.0	264,549	1,503,064	*	0
3200 SWINE	19	1.5	57,403	217,548	*	0
3300 SHEEP AND WOOL	3	0.2	15,295	64,182	*	0
3400 OTHER ANIMALS	8	1.5	18,264	222,009	*	0
3600 FARM SUPP & FACILITS	4	0.3	2,614	28,232	*	11,113
3800 FOOD	10	1.9	116,227	377,225	*	0
3900 HOUSING & EQUIP	4	1.0	22,442	145,551	*	0
4000 PEOPLE AS INDIVIDUALS	6	0.5	15,581	57,660	*	0
4100 FAMILY MEMBERS	2	0.3	13,330	26,057	*	0
4200 FARM AS BUSINESS	9	1.3	52,814	120,373	*	0
4300 SOC POLIT ORGANIZ	4	1.6	45,298	112,818	*	0
4400 AGRIC ECONOMY U S	3	0.7	29,882	51,555	*	0
4700 OTH MARKET PROCESS	1	0.5	35,191	48,544	*	0
4800 MARKETING SYSTEMS	1	0.1	0	68,148	*	0
6300 BIO CELL SYSTEMS	1	0.0	0	1,221	*	0
6400 EXP DESIGN/STAT METHOD	1	1.7	0	201,005	*	0
6500 INVERTEBRATES	7	1.4	15,797	123,005	*	0
6600 MICROORGANISMS VIRUSES	3	1.5	22,351	159,886	*	0
6700 PLANTS	7	1.8	65,758	365,330	*	8,495
6800 ANIMALS(VERTEBRATES)	2	0.2	5,659	150,310	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.0	0	1,515	*	0
TOTAL		96.3	2,849,686	13,980,433	*	140,890

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- SOUTH DAKOTA BROOKINGS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	15	5.7	120,927	402,948	*	0
0200 WATER	11	5.1	57,818	313,287	*	0
0400 AIR AND CLIMATE	2	0.7	24,865	53,685	*	0
0500 RECREATION RESOURCES	1	0.0	0	106,806	*	0
0600 TIMBER FORST PRODUCT	3	1.8	48,146	105,881	*	0
0700 RANGE	6	2.8	57,534	204,114	*	0
0800 WILDLIFE AND FISH	6	0.3	35,260	261,630	*	0
1000 FRUIT NUTS DECIDUOUS	2	1.0	43,407	68,322	*	0
1100 POTATOES	1	0.0	1,906	17,721	*	0
1200 VEGETABLES	2	0.9	21,968	87,565	*	20,957
1300 ORNAMENTALS TURF	1	0.5	27,232	44,657	*	0
1400 CORN	21	4.1	112,403	498,818	*	30,251
1500 GRAIN SORGHUM	5	0.4	4,695	22,080	*	0
1700 WHEAT	18	5.7	159,323	464,113	*	18,708
1800 OTHER SMALL GRAINS	13	5.9	86,539	560,077	*	0
2000 FORAGE CROPS	13	3.4	85,284	275,068	*	10,478
2300 SOYBEANS	10	1.5	41,592	169,356	*	0
2500 OTHER OILSEED CROPS	10	2.5	62,014	206,269	*	0
2800 MISC NEW CROPS	1	0.1	0	43,308	*	0
2900 POULTRY	6	1.2	75,564	177,279	*	0
3000 BEEF CATTLE	31	15.2	390,700	1,155,302	*	26,854
3100 DAIRY CATTLE	20	6.6	212,689	443,885	*	1,291
3200 SWINE	18	6.8	215,138	517,600	*	5,007
3300 SHEEP AND WOOL	9	2.5	96,413	228,102	*	0
3400 OTHER ANIMALS	6	2.1	52,215	136,884	*	0
3600 FARM SUPP & FACILITS	2	0.9	20,039	56,469	*	0
3700 CLOTHING & TEXTILES	1	0.0	334	349	*	0
3800 FOOD	1	0.1	5,819	8,289	*	0
3900 HOUSING & EQUIP	4	1.7	28,174	79,002	*	0
4000 PEOPLE AS INDIVIDUALS	3	0.5	12,831	32,559	*	0
4200 FARM AS BUSINESS	1	0.2	3,182	4,631	*	0
4300 SOC POLIT ORGANIZ	5	1.7	31,099	92,881	*	0
4800 MARKETING SYSTEMS	2	0.9	8,177	34,169	*	0
6600 MICROORGANISMS VIRUSES	1	0.2	11,400	37,217	*	0
6700 PLANTS	19	11.4	39,059	1,097,265	*	53,752
6800 ANIMALS(VERTEBRATES)	5	1.5	15,195	194,264	*	0
TOTAL		96.0	2,212,941	8,201,854	*	167,300

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- TENNESSEE KNOXVILLE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CCN/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	12	5.4	262,500	707,239	*	0
0200 WATER	4	0.9	40,407	106,997	*	0
0300 WATERSHEDS RIVER BAS	2	1.0	34,938	82,838	*	5,714
0400 AIR AND CLIMATE	2	0.3	18,393	57,333	*	0
0500 RECREATION RESOURCES	2	0.6	25,067	59,086	*	117
0600 TIMBER FORST PRODUCT	14	6.5	224,091	822,711	*	29,016
0800 WILDLIFE AND FISH	10	2.7	107,929	395,902	*	13,085
1000 FRUIT NUTS DECIDUOUS	9	2.6	101,257	376,535	*	0
1100 POTATOES	1	0.0	0	1,719	*	0
1200 VEGETABLES	12	4.6	183,669	655,218	*	0
1300 ORNAMENTALS TURF	7	4.0	151,032	338,769	*	0
1400 CORN	17	4.2	201,543	633,520	*	0
1500 GRAIN SORGHUM	4	0.5	17,482	98,630	*	0
1700 WHEAT	5	1.4	45,983	178,822	*	0
1800 OTHER SMALL GRAINS	4	0.8	28,977	145,658	*	0
1900 PASTURE	3	0.6	36,146	92,589	*	0
2000 FORAGE CROPS	14	5.4	256,623	866,037	*	35,003
2100 COTTON	19	5.5	266,676	680,299	*	19,071
2300 SOYBEANS	18	6.6	246,658	859,507	*	0
2500 OTHER OILSEED CROPS	1	0.1	2,014	9,636	*	0
2600 TOBACCO	8	3.2	102,085	594,185	*	37,038
2800 MISC NEW CROPS	1	0.1	5,638	12,446	*	0
2900 POULTRY	4	1.5	55,408	168,767	*	0
3000 BEEF CATTLE	25	9.2	555,700	2,290,774	*	35,687
3100 DAIRY CATTLE	10	4.5	248,088	2,484,618	*	2,165
3200 SWINE	16	5.4	235,183	715,225	*	14,532
3300 SHEEP AND WOOL	5	1.0	43,518	134,308	*	0
3400 OTHER ANIMALS	2	0.4	13,105	49,558	*	0
3500 BEES AND HONEY	1	0.2	19,564	26,882	*	0
3700 CLOTHING & TEXTILES	2	0.4	18,487	45,866	*	0
3800 FOOD	12	5.0	220,257	531,534	*	0
3900 HOUSING & EQUIP	5	1.1	60,517	128,868	*	0
4000 PEOPLE AS INDIVIDUALS	11	2.4	110,084	245,250	*	0
4100 FAMILY MEMBERS	5	1.5	80,818	151,764	*	0
4200 FARM AS BUSINESS	6	2.2	87,575	205,936	*	10,663
4300 SOC POLIT ORGANIZ	3	1.0	43,481	89,702	*	0
4400 AGRIC ECONOMY U S	1	0.0	236	2,267	*	0
4800 MARKETING SYSTEMS	1	0.3	12,429	25,325	*	0
6100 WEEDS	1	0.1	0	5,803	*	0
6300 BIO CELL SYSTEMS	1	0.9	35,085	77,855	*	0
6400 EXP DESIGN/STAT METHOD	1	0.1	5,500	9,810	*	0
6700 PLANTS	5	1.1	47,315	119,448	*	1,683
6800 ANIMALS(VERTEBRATES)	4	0.3	13,665	32,045	*	1,683
TOTAL		95.8	4,273,122	15,316,282	*	205,461

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- TEXAS COLLEGE STATION SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	36	13.0	192,524	1,465,724	*	0
0200 WATER	40	10.9	233,567	1,913,609	*	200,617
0300 WATERSHEDS RIVER BAS	6	2.7	28,312	173,050	*	35,487
0400 AIR AND CLIMATE	1	0.0	5	5	*	0
0500 RECREATION RESOURCES	9	3.0	31,996	502,211	*	65,314
0600 TIMBER FORST PRODUCT	25	10.7	186,454	1,580,914	*	123,946
0700 RANGE	30	17.8	173,700	1,707,477	*	63,317
0800 WILDLIFE AND FISH	34	19.5	151,936	2,532,681	*	140,832
0900 CITRUS SUB TROP FRUT	9	2.5	28,192	390,606	*	27,773
1000 FRUIT NUTS DECIDUOUS	24	11.8	187,392	1,399,363	*	25,878
1100 POTATOES	2	0.3	10,239	93,584	*	0
1200 VEGETABLES	39	16.5	211,649	2,047,524	*	21,201
1300 ORNAMENTALS TURF	25	15.6	153,255	1,554,836	*	38,861
1400 CORN	23	5.3	48,248	633,837	*	65,077
1500 GRAIN SORGHUM	52	16.2	208,251	2,207,249	*	74,517
1600 RICE	16	7.2	72,343	1,085,578	*	10,406
1700 WHEAT	32	9.3	112,556	1,218,916	*	61,242
1800 OTHER SMALL GRAINS	12	2.0	22,636	213,120	*	2,790
1900 PASTURE	10	3.8	54,364	394,672	*	0
2000 FORAGE CROPS	38	15.1	208,334	1,773,753	*	346
2100 COTTON	63	31.9	450,263	4,228,975	*	254,057
2200 COTTONSEED	7	1.6	16,448	148,836	*	0
2300 SOYBEANS	21	7.6	85,180	724,697	*	5,108
2400 PEANUTS	21	9.5	96,127	1,076,304	*	0
2500 OTHER CILSEED CROPS	5	1.4	35,347	151,616	*	1,497
2600 TOBACCO	1	0.6	715	19,272	*	0
2700 SUGAR CROPS	13	5.1	76,142	579,121	*	0
2800 MISC NEW CROPS	8	1.6	10,876	201,039	*	11,611
2900 POULTRY	21	14.5	127,142	1,552,418	*	4,434
3000 BEEF CATTLE	88	35.2	1,011,377	5,498,664	*	465,533
3100 DAIRY CATTLE	33	8.1	194,309	1,284,130	*	181,922
3200 SWINE	14	2.3	78,885	357,605	*	20,205
3300 SHEEP AND WOOL	27	7.8	57,416	831,724	*	122,070
3400 OTHER ANIMALS	31	8.2	91,113	973,330	*	38,928
3500 BEES AND HONEY	1	0.8	0	32,850	*	0
3600 FARM SUPP & FACILITS	3	0.5	298	91,583	*	0
3800 FOOD	10	4.2	57,596	420,389	*	9,785
3900 HOUSING & EQUIP	5	0.9	10,648	141,907	*	35,975
4000 PEOPLE AS INDIVIDUALS	9	4.1	137,035	469,159	*	411
4100 FAMILY MEMBERS	1	0.0	831	12,590	*	0
4200 FARM AS BUSINESS	10	5.3	67,026	588,757	*	3,152
4300 SOC POLIT ORGANIZ	5	3.0	95,254	377,939	*	959
4400 AGRIC ECONOMY U S	5	2.3	12,732	230,632	*	26,006
4600 FARM COOPERATIVES	2	0.1	1,782	14,388	*	780
4700 OTH MARKET PROCESS	1	0.0	322	8,422	*	0
4800 MARKETING SYSTEMS	6	1.6	25,399	241,179	*	36,731
6100 WEEDS	3	0.9	3,762	52,700	*	0
6200 SEED RESEARCH	2	1.0	2,670	65,695	*	0
6300 BIO CELL SYSTEMS	12	7.1	47,284	619,623	*	19,683
6500 INVERTEBRATES	4	1.8	43,140	279,998	*	0
6600 MICROORGANISMS VIRUSES	2	0.2	5,744	29,407	*	0
6700 PLANTS	17	7.8	47,827	945,876	*	24,852
6800 ANIMALS(VERTEBRATES)	7	1.6	33,008	167,592	*	15,430
7000 RSCH EQUIP & TECHNOLOGY	3	0.2	4,637	24,303	*	0
TOTAL		362.1	5,244,293	45,331,829	*	2,237,148

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- UTAH LOGAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	11	4.5	136,405	392,815	*	2,791
0200 WATER	9	2.1	55,990	256,450	*	0
0300 WATERSHEDS RIVER BAS	1	0.3	16,192	26,678	*	1,402
0400 AIR AND CLIMATE	1	1.1	0	107,391	*	0
0500 RECREATION RESOURCES	3	0.9	32,452	70,748	*	0
0600 TIMBER FORST PRODUCT	8	1.4	51,539	109,267	*	8,087
0700 RANGE	20	4.6	51,798	634,222	*	63,956
0800 WILDLIFE AND FISH	1	0.0	0	15,313	*	0
1000 FRUIT NUTS DECIDUOUS	10	2.4	67,854	267,132	*	0
1100 POTATOES	1	0.0	431	17,843	*	10,741
1200 VEGETABLES	5	0.4	6,528	67,987	*	11,513
1300 ORNAMENTALS TURF	1	0.0	0	59,851	*	0
1400 CORN	2	0.2	6,534	23,532	*	6,608
1700 WHEAT	13	3.1	44,226	387,503	*	90,113
1800 OTHER SMALL GRAINS	9	2.6	13,068	321,443	*	64,378
2000 FORAGE CROPS	21	3.1	107,713	429,767	*	60,962
2300 SOYBEANS	1	0.0	0	1,918	*	0
2700 SUGAR CROPS	6	0.6	431	87,145	*	75,353
2900 POULTRY	5	2.7	79,145	446,590	*	0
3000 BEEF CATTLE	10	2.4	88,987	511,915	*	0
3100 DAIRY CATTLE	22	9.5	198,903	1,134,286	*	2,492
3200 SWINE	2	0.1	0	12,440	*	0
3300 SHEEP AND WOOL	11	5.3	143,127	727,515	*	125,223
3400 OTHER ANIMALS	4	0.7	5,651	167,744	*	2,374
3500 BEES AND HONEY	2	0.6	21,975	68,448	*	32,205
3800 FOOD	8	2.7	92,547	412,683	*	55,191
3900 HOUSING & EQUIP	2	0.2	2,270	20,162	*	0
4000 PEOPLE AS INDIVIDUALS	11	3.3	107,651	352,828	*	25,365
4100 FAMILY MEMBERS	5	1.2	39,411	92,036	*	0
4300 SOC POLIT ORGANIZ	3	0.6	7,206	58,911	*	0
4400 AGRIC ECONOMY U S	3	1.0	21,790	95,648	*	0
6200 SEED RESEARCH	1	0.0	0	683	*	0
6300 BIO CELL SYSTEMS	2	1.7	26,974	168,262	*	0
6600 MICROORGANISMS VIRUSES	1	0.0	0	27,852	*	27,852
6700 PLANTS	23	5.9	125,181	694,008	*	27,751
6800 ANIMALS(VERTEBRATES)	7	3.1	94,084	418,962	*	0
7000 RSCH EQUIP & TECHNOLOGY	3	3.5	0	318,117	*	41,996
TOTAL		71.9	1,646,063	9,006,095	*	736,359

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- VERMONT BURLINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	5	2.0	103,113	345,150	*	0
0200 WATER	1	0.3	15,385	43,437	*	0
0400 AIR AND CLIMATE	1	0.1	1,050	19,841	*	0
0500 RECREATION RESOURCES	1	0.5	17,107	19,127	*	0
0600 TIMBER FORST PRODUCT	6	2.2	97,023	355,391	*	0
1000 FRUIT NUTS DECIDUOUS	5	1.9	72,072	223,234	*	0
1100 POTATOES	1	0.2	7,205	14,409	*	0
1300 ORNAMENTALS TURF	2	0.6	22,670	69,158	*	0
1400 CORN	2	0.2	6,636	17,834	*	0
1700 WHEAT	2	0.3	9,031	18,061	*	0
1800 OTHER SMALL GRAINS	1	0.3	3,652	7,304	*	0
1900 PASTURE	2	0.3	11,331	16,890	*	0
2000 FORAGE CROPS	5	1.9	99,500	248,452	*	0
2300 SOYBEANS	1	0.1	1,826	3,652	*	0
2900 POULTRY	4	1.1	74,338	148,809	*	0
3000 BEEF CATTLE	3	0.4	26,572	33,902	*	0
3100 DAIRY CATTLE	17	4.6	283,232	666,595	*	0
3300 SHEEP AND WOOL	4	0.4	20,627	34,737	*	0
3400 OTHER ANIMALS	3	0.2	11,576	21,702	*	0
3600 FARM SUPP & FACILITS	1	0.5	4,240	8,480	*	0
3800 FOOD	2	1.0	48,621	88,454	*	0
3900 HOUSING & EQUIP	1	0.3	0	10,368	*	0
4000 PEOPLE AS INDIVIDUALS	8	2.8	92,084	151,164	*	0
4200 FARM AS BUSINESS	3	0.5	19,634	39,267	*	0
4300 SOC POLIT ORGANIZ	3	1.1	32,798	66,704	*	0
4800 MARKETING SYSTEMS	2	0.5	10,775	14,004	*	0
6300 BIO CELL SYSTEMS	1	0.1	6,766	13,532	*	0
6500 INVERTEBRATES	1	0.0	0	954	*	0
6600 MICROORGANISMS VIRUSES	2	1.2	36,906	73,812	*	0
6700 PLANTS	4	1.6	50,139	151,783	*	20,085
6800 ANIMALS(VERTEBRATES)	3	0.8	16,216	87,925	*	0
TOTAL		28.2	1,206,122	3,014,132	*	20,085

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- VIRGIN ISLANDS ST. THOMAS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1	0.0	0	117	*	117
0200 WATER	2	0.2	11,853	15,155	*	351
0800 WILDLIFE AND FISH	3	1.1	122,405	177,349	*	0
0900 CITRUS SUB TROP FRUT	4	1.1	66,496	113,907	*	9,446
1000 FRUIT NUTS DECIDUOUS	1	0.1	7,388	11,607	*	0
1200 VEGETABLES	3	1.2	67,519	107,869	*	1,810
1500 GRAIN SORGHUM	1	0.3	28,049	44,073	*	0
1900 PASTURE	1	0.7	19,929	31,314	*	0
2000 FORAGE CROPS	1	0.3	28,049	44,073	*	0
3000 BEEF CATTLE	1	0.5	64,322	69,437	*	0
3900 HOUSING & EQUIP	1	0.1	0	351	*	351
6100 WEEDS	1	0.0	0	630	*	630
6700 PLANTS	1	0.3	0	5,000	*	5,000
TOTAL		6.0	416,010	620,882	*	17,707

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- VIRGINIA BLACKSBURG SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	15	7.2	60,066	1,225,404	*	17,905
0200 WATER	6	1.3	29,730	145,106	*	7,206
0300 WATERSHEDS RIVER BAS	4	2.3	56,131	159,895	*	4,341
0500 RECREATION RESOURCES	1	0.5	16,386	75,453	*	7,376
0600 TIMBER FORST PRODUCT	20	10.8	326,446	2,215,925	*	417,375
0700 RANGE	1	0.2	0	43,931	*	7,584
0800 WILDLIFE AND FISH	12	4.9	46,674	962,816	*	8,541
0900 CITRUS SUB TROP FRUT	1	0.7	17,616	35,089	*	23
1000 FRUIT NUTS DECIDUCUS	13	4.9	81,450	861,371	*	411
1100 POTATOES	1	0.0	1,927	3,561	*	8
1200 VEGETABLES	4	2.4	87,962	269,402	*	16
1300 ORNAMENTALS TURF	9	5.3	205,971	467,901	*	1,206
1400 CORN	11	4.2	111,646	477,470	*	4,318
1500 GRAIN SORGHUM	1	0.1	6,084	10,654	*	24
1700 WHEAT	6	2.0	48,696	280,793	*	3,360
1800 OTHER SMALL GRAINS	5	1.2	51,882	139,106	*	478
1900 PASTURE	2	0.3	21,876	34,044	*	0
2000 FORAGE CROPS	10	5.0	114,417	554,376	*	30,289
2100 COTTON	1	0.2	6,801	18,861	*	0
2300 SOYBEANS	15	6.1	155,106	791,027	*	5,015
2400 PEANUTS	5	3.4	42,420	424,077	*	14,105
2500 OTHER OILSEED CROPS	1	0.1	5,468	8,328	*	309
2600 TOBACCO	9	5.7	71,470	770,164	*	3,739
2700 SUGAR CROPS	1	1.3	0	142,934	*	65,438
2800 MISC NEW CROPS	1	0.1	2,268	7,209	*	0
2900 POULTRY	37	9.0	299,910	1,254,915	*	14,949
3000 BEEF CATTLE	40	11.4	281,963	1,880,392	*	63,017
3100 DAIRY CATTLE	33	9.9	363,362	1,678,244	*	16,533
3200 SWINE	22	6.1	199,316	961,760	*	99,668
3300 SHEEP AND WOOL	14	3.1	141,897	426,094	*	2,003
3400 OTHER ANIMALS	3	1.2	26,588	155,891	*	0
3600 FARM SUPP & FACILITS	2	0.2	5,666	27,328	*	0
3700 CLOTHING & TEXTILES	2	0.7	41,345	65,679	*	0
3800 FOOD	6	1.4	35,369	241,112	*	4,388
3900 HOUSING & EQUIP	4	2.5	136,545	297,903	*	0
4000 PEOPLE AS INDIVIDUALS	8	4.7	137,547	431,451	*	31,259
4100 FAMILY MEMBERS	4	0.8	67,373	134,883	*	4,160
4200 FARM AS BUSINESS	4	1.4	3,433	42,974	*	897
4300 SOC POLIT ORGANIZ	2	0.4	4,814	30,695	*	2,080
4400 AGRIC ECONOMY U S	1	0.3	0	9,107	*	222
4600 FARM COOPERATIVES	1	0.9	1,331	29,879	*	730
4800 MARKETING SYSTEMS	2	1.0	888	29,309	*	716
6100 WEEDS	3	0.3	13,489	41,881	*	98
6300 BIO CELL SYSTEMS	5	3.6	75,109	474,448	*	0
6500 INVERTEBRATES	3	2.8	73,304	347,979	*	0
6600 MICROORGANISMS VIRUSES	12	11.5	91,286	1,876,796	*	19,565
6700 PLANTS	17	4.7	174,922	800,896	*	86,545
6800 ANIMALS(VERTEBRATES)	8	2.7	67,320	412,849	*	19,555
6900 RESEARCH ON RSCH MGMT	1	4.1	20,096	190,336	*	4,653
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	15,975	17,248	*	0
TOTAL		155.4	3,851,742	21,984,946	*	970,121

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- WASHINGTON PULLMAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	36	7.0	238,699	1,183,747	*	108,710
0200 WATER	18	2.5	99,906	379,429	*	11,092
0300 WATERSHEDS RIVER BAS	1	0.1	0	28,094	*	17,170
0400 AIR AND CLIMATE	2	0.1	5,172	35,171	*	0
0500 RECREATION RESOURCES	3	0.7	9,870	82,234	*	0
0600 TIMBER FORST PRODUCT	23	7.7	212,654	1,135,249	*	175,164
0700 RANGE	9	0.9	16,058	207,088	*	50,686
0800 WILDLIFE AND FISH	1	0.2	0	13,597	*	100
1000 FRUIT NUTS DECIDUCUS	59	21.7	630,716	4,212,674	*	61,985
1100 POTATOES	22	5.1	97,428	937,514	*	8,091
1200 VEGETABLES	54	12.2	436,389	2,684,812	*	151,138
1300 ORNAMENTALS TURF	12	4.1	26,918	399,599	*	0
1400 CORN	3	0.3	3,478	34,013	*	0
1700 WHEAT	36	8.0	194,540	1,764,296	*	176,453
1800 OTHER SMALL GRAINS	15	4.2	88,199	872,612	*	25,445
1900 PASTURE	1	0.0	614	12,940	*	2,246
2000 FORAGE CROPS	11	1.3	100,540	334,613	*	35,500
2300 SOYBEANS	1	0.0	0	2,643	*	0
2500 OTHER OILSEED CROPS	4	0.6	44,055	76,902	*	0
2800 MISC NEW CROPS	14	4.9	91,322	796,477	*	40,359
2900 POULTRY	14	3.5	67,810	760,057	*	2,648
3000 BEEF CATTLE	32	3.5	130,421	1,074,396	*	2,887
3100 DAIRY CATTLE	32	5.2	194,306	968,548	*	5,436
3200 SWINE	4	0.6	3,135	229,752	*	4,634
3300 SHEEP AND WOOL	11	1.4	39,582	335,684	*	37,438
3400 OTHER ANIMALS	11	0.5	27,082	154,478	*	1,324
3500 BEES AND HONEY	1	0.3	11,031	52,533	*	666
3600 FARM SUPP & FACILITS	1	0.1	0	30,129	*	0
3800 FOOD	7	1.9	48,476	389,431	*	83,991
3900 HOUSING & EQUIP	4	0.5	4,402	69,224	*	0
4000 PEOPLE AS INDIVIDUALS	9	1.8	29,907	185,882	*	0
4100 FAMILY MEMBERS	4	1.4	52,414	167,340	*	0
4200 FARM AS BUSINESS	3	1.2	25,464	117,635	*	0
4300 SOC POLIT ORGANIZ	8	2.3	48,438	193,759	*	0
4400 AGRIC ECONOMY U S	2	0.7	33,555	85,729	*	0
4600 FARM COOPERATIVES	2	0.3	1,430	21,400	*	0
4700 OTH MARKET PROCESS	1	0.3	5,721	33,173	*	0
4800 MARKETING SYSTEMS	1	1.9	0	209,650	*	437
6100 WEEDS	6	0.7	10,916	112,895	*	4,813
6200 SEED RESEARCH	2	1.9	0	148,546	*	0
6300 BIO CELL SYSTEMS	2	2.4	7,983	283,114	*	0
6400 EXP DESIGN/STAT METHOD	2	0.3	0	19,531	*	1,355
6500 INVERTEBRATES	6	0.8	15,952	96,046	*	416
6600 MICROORGANISMS VIRUSES	3	0.4	4,327	37,199	*	3,520
6700 PLANTS	13	11.0	52,707	1,514,186	*	50,991
7000 RSCH EQUIP & TECHNOLOGY	.3	0.7	3,138	105,510	*	17,540
TOTAL		127.7	3,114,754	22,589,531	*	1,082,249

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- WEST VIRGINIA MORGANTOWN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	9	2.4	121,024	296,736	*	596
0200 WATER	3	0.4	37,137	75,023	*	0
0300 WATERSHEDS RIVER BAS	1	0.0	0	373	*	325
0500 RECREATION RESOURCES	5	1.8	28,143	108,923	*	6,444
0600 TIMBER FORST PRODUCT	33	9.7	360,778	871,806	*	50,572
0800 WILDLIFE AND FISH	7	1.4	29,847	115,621	*	6,444
1000 FRUIT NUTS DECIDUOUS	12	6.2	338,006	600,693	*	5,241
1100 POTATOES	4	2.1	98,400	156,531	*	0
1200 VEGETABLES	4	0.8	30,254	72,395	*	2,620
1300 ORNAMENTALS TURF	6	1.1	28,664	83,293	*	2,620
1400 CORN	3	0.7	34,370	51,596	*	0
1700 WHEAT	1	0.0	0	2,926	*	0
1800 OTHER SMALL GRAINS	1	0.0	0	2,926	*	0
1900 PASTURE	2	0.7	141,084	190,153	*	0
2000 FORAGE CROPS	9	3.4	119,615	272,389	*	304
2800 MISC NEW CROPS	1	0.0	49	68	*	0
2900 POULTRY	5	2.5	147,800	330,721	*	375
3000 BEEF CATTLE	9	2.6	230,308	485,652	*	2,892
3100 DAIRY CATTLE	7	2.6	224,733	464,963	*	390
3200 SWINE	1	0.2	30,577	56,712	*	0
3300 SHEEP AND WOOL	4	1.8	132,952	309,266	*	375
3400 OTHER ANIMALS	2	0.2	15,637	36,476	*	152
3500 BEES AND HONEY	1	0.1	5,841	8,701	*	0
4000 PEOPLE AS INDIVIDUALS	4	0.2	7,474	17,998	*	3,244
4200 FARM AS BUSINESS	2	1.8	88,425	129,331	*	0
4300 SOC POLIT ORGANIZ	5	2.5	112,642	196,951	*	5,908
4400 AGRIC ECONOMY U S	1	0.2	7,276	11,925	*	0
6300 BIO CELL SYSTEMS	1	0.4	26,777	34,432	*	0
6400 EXP DESIGN/STAT METHOD	1	0.0	0	3,091	*	1,320
6500 INVERTEBRATES	1	0.3	11,682	17,403	*	0
6700 PLANTS	3	0.1	0	12,798	*	6,215
6800 ANIMALS(VERTEBRATES)	3	0.8	62,172	116,043	*	0
TOTAL		47.1	2,471,667	5,133,912	*	96,042

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- WISCONSIN MADISON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	46	9.2	237,269	1,336,209	*	2,448
0200 WATER	14	3.4	35,612	534,196	*	16,022
0300 WATERSHEDS RIVER BAS	2	0.3	0	50,460	*	0
0400 AIR AND CLIMATE	1	0.0	0	3,667	*	0
0500 RECREATION RESOURCES	3	1.0	32,649	117,494	*	0
0600 TIMBER FORST PRODUCT	35	12.1	378,105	1,470,163	*	21,501
0700 RANGE	2	0.3	29,385	55,533	*	0
0800 WILDLIFE AND FISH	19	4.4	63,505	728,643	*	0
1000 FRUIT NUTS DECIDUOUS	12	2.8	66,502	521,271	*	23,222
1100 POTATOES	25	6.6	339,821	1,145,220	*	17,223
1200 VEGETABLES	49	10.9	300,925	1,791,545	*	64,004
1300 ORNAMENTALS TURF	8	1.3	9,909	183,758	*	0
1400 CORN	34	6.0	152,442	1,064,342	*	14,475
1700 WHEAT	5	0.5	1,882	86,457	*	0
1800 OTHER SMALL GRAINS	11	2.2	44,190	486,340	*	4,801
1900 PASTURE	2	0.2	0	27,719	*	0
2000 FORAGE CROPS	31	5.5	200,388	1,095,757	*	131,144
2300 SOYBEANS	20	3.5	134,984	675,655	*	48,664
2500 OTHER OILSEED CROPS	5	0.3	8,234	77,156	*	0
2600 TOBACCO	4	0.6	15,978	110,007	*	3,709
2800 MISC NEW CROPS	1	0.0	2,106	9,353	*	0
2900 POULTRY	17	3.9	192,066	943,334	*	151,714
3000 BEEF CATTLE	21	3.2	223,880	771,202	*	1,602
3100 DAIRY CATTLE	68	15.0	631,742	4,137,341	*	277,567
3200 SWINE	20	3.8	234,067	802,571	*	8,437
3300 SHEEP AND WOOL	9	0.9	30,019	251,351	*	0
3400 OTHER ANIMALS	10	2.8	71,520	847,951	*	0
3500 BEES AND HONEY	4	1.1	16,567	131,615	*	0
3600 FARM SUPP & FACILITS	1	0.1	0	26,643	*	0
3700 CLOTHING & TEXTILES	1	0.1	13,375	13,435	*	0
3800 FOOD	31	8.3	209,948	2,214,755	*	103,194
3900 HOUSING & EQUIP	2	0.7	12,603	104,040	*	34,110
4000 PEOPLE AS INDIVIDUALS	22	5.3	150,432	1,289,369	*	17,812
4100 FAMILY MEMBERS	8	1.6	61,640	244,757	*	0
4200 FARM AS BUSINESS	5	1.8	56,022	185,287	*	0
4300 SOC POLIT ORGANIZ	18	4.0	145,465	550,250	*	0
4400 AGRIC ECONOMY U S	3	1.2	29,696	224,236	*	110,909
4500 AGRIC ECONOMY FORGN	1	0.2	0	52,557	*	41,022
4600 FARM COOPERATIVES	2	0.3	13,790	35,442	*	23
4800 MARKETING SYSTEMS	3	0.3	9,093	57,752	*	27,750
6100 WEEDS	1	0.0	0	38,309	*	0
6200 SEED RESEARCH	1	0.3	20,015	43,457	*	0
6300 BIO CELL SYSTEMS	23	8.7	69,550	2,875,293	*	54,589
6400 EXP DESIGN/STAT METHOD	3	0.7	15,753	105,644	*	0
6500 INVERTEBRATES	12	3.8	53,974	513,418	*	0
6600 MICROORGANISMS VIRUSES	33	9.4	88,973	2,330,948	*	168,485
6700 PLANTS	21	5.3	107,952	1,370,909	*	358,139
6800 ANIMALS(VERTEBRATES)	21	5.6	87,785	1,702,729	*	69,318
7000 RSCH EQUIP & TECHNOLOGY	2	0.7	21,860	653,847	*	0
TOTAL		160.3	4,625,675	34,089,385	*	1,771,688

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- WYOMING LARAMIE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	2	0.5	9,294	29,605	*	0
0200 WATER	7	2.2	62,224	172,613	*	7,900
0300 WATERSHEDS RIVER BAS	2	0.3	1,633	11,349	*	0
0400 AIR AND CLIMATE	1	0.1	3,771	5,042	*	0
0500 RECREATION RESOURCES	1	0.3	3,640	10,862	*	0
0600 TIMBER FORST PRODUCT	3	1.7	35,628	164,115	*	55,300
0700 RANGE	9	3.2	77,783	286,984	*	9,725
0800 WILDLIFE AND FISH	2	0.4	15,265	49,327	*	15,800
1100 POTATOES	1	0.4	25,880	48,740	*	0
1200 VEGETABLES	1	0.0	0	3,369	*	0
1300 ORNAMENTALS TURF	1	0.0	152	944	*	0
1400 CORN	4	0.3	1,877	53,526	*	0
1700 WHEAT	3	1.0	34,703	170,548	*	0
1800 OTHER SMALL GRAINS	4	0.8	21,325	119,824	*	0
1900 PASTURE	1	0.1	2,118	7,074	*	0
2000 FORAGE CROPS	8	2.8	111,790	318,003	*	0
2500 OTHER OILSEED CROPS	1	0.0	0	1,685	*	0
2700 SUGAR CROPS	5	1.1	6,635	107,351	*	0
3000 BEEF CATTLE	22	12.0	520,838	1,275,412	*	27,745
3100 DAIRY CATTLE	3	1.1	41,885	80,172	*	0
3200 SWINE	2	0.1	1,111	1,902	*	0
3300 SHEEP AND WOOL	11	5.6	201,314	535,165	*	31,480
3400 OTHER ANIMALS	2	0.8	243	41,831	*	0
3800 FOOD	1	0.5	0	25,224	*	25,224
3900 HOUSING & EQUIP	3	0.6	41,207	73,807	*	0
4000 PEOPLE AS INDIVIDUALS	2	0.1	11,699	14,063	*	0
4100 FAMILY MEMBERS	1	0.0	0	1,625	*	0
4200 FARM AS BUSINESS	3	1.4	33,197	67,067	*	0
4300 SOC POLIT ORGANIZ	2	0.0	152	1,319	*	0
4400 AGRIC ECONOMY U S	1	0.3	0	13,950	*	0
4700 OTH MARKET PROCESS	1	0.1	3,975	15,769	*	0
6500 INVERTEBRATES	3	1.0	5,648	17,135	*	0
6600 MICROORGANISMS VIRUSES	1	0.0	21,326	21,326	*	0
6700 PLANTS	3	0.3	0	44,767	*	6,816
6800 ANIMALS(VERTEBRATES)	3	0.3	3,090	36,879	*	513
6900 RESEARCH ON RSCH MGMT	1	0.2	29,775	38,992	*	0
TOTAL		39.8	1,325,179	3,867,365	*	180,505
GRAND TOTAL		6845.0	155,309,097	996,308,574	*	52,047,460

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- NATIONAL TOTAL FORESTRY SCHOOLS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	44	9.1	98,752	1,081,896	*	139,592
0200 WATER	28	5.3	38,137	551,781	*	16,683
0300 WATERSHEDS RIVER BAS	26	4.6	50,428	558,375	*	113,437
0400 AIR AND CLIMATE	6	1.8	9,406	188,026	*	125,271
0500 RECREATION RESOURCES	31	4.5	100,230	563,614	*	42,912
0600 TIMBER FORST PRODUCT	481	152.5	2,074,697	19,279,344	*	3,245,987
0700 RANGE	15	5.0	26,398	464,006	*	57,972
0800 WILDLIFE AND FISH	95	17.1	215,682	2,166,488	*	263,009
1200 VEGETABLES	1	0.1	0	20,745	*	0
1300 ORNAMENTALS TURF	3	0.0	0	11,900	*	0
3600 FARM SUPP & FACILITS	1	0.3	12,376	33,894	*	0
3900 HOUSING & EQUIP	6	1.3	0	169,427	*	9,636
4000 PEOPLE AS INDIVIDUALS	3	0.6	11,554	41,070	*	0
4300 SOC POLIT ORGANIZ	2	0.0	0	8,211	*	0
4600 FARM COOPERATIVES	1	0.3	0	15,168	*	0
4700 OTH MARKET PROCESS	1	0.0	0	2,084	*	0
4800 MARKETING SYSTEMS	1	0.3	0	15,168	*	0
6100 WEEDS	1	0.0	0	7,812	*	7,811
6300 BIO CELL SYSTEMS	5	3.4	0	231,712	*	295
6500 INVERTEBRATES	3	0.0	0	9,529	*	0
6600 MICROORGANISMS VIRUSES	5	1.8	13,239	123,319	*	0
6700 PLANTS	4	1.4	0	95,024	*	0
6800 ANIMALS(VERTEBRATES)	3	1.8	0	166,549	*	0
6900 RESEARCH ON RSCH MGMT	1	0.2	0	7,283	*	3,622
7000 RSCH EQUIP & TECHNOLOGY	15	5.1	16,344	406,936	*	526
TOTAL		216.6	2,663,242	26,255,359	*	4,026,758

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- NATIONAL TOTAL FORESTRY SCHOOLS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GI/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 100						
101 APPRAIS OF SOIL RESOR	8	2.1	18,516	287,930	*	6,252
102 SOIL PLNT WTR NUTRI	39	7.3	151,163	903,984	*	142,006
103 MGMT OF SALINE SOILS	1	0.5	0	63,973	*	0
104 ALTERN USE OF LAND	8	2.1	34,843	144,710	*	8,624
105 CONSERV USE OF WATER	9	2.0	9,589	221,678	*	14,689
106 DRAIN AND IRRIGATION	1	0.0	0	758	*	0
107 WATERSHED PROT & MGMT	25	9.0	74,198	999,461	*	124,002
109 WEATHER ADAPT & MOD	8	1.9	45,930	175,711	*	126,720
110 APPRAIS FORST & RANGS	31	5.8	85,821	733,197	*	244,020
111 BIOL CULT MGMT FORSTS	176	52.2	750,818	6,871,105	*	1,138,204
112 IMPROV RANGE RESOR	9	4.4	26,398	404,971	*	24,432
113 REMOTE SENSING	10	1.5	46,315	255,094	*	169
114 RSCH ON MGMT OF RSCH	1	0.2	0	7,283	*	3,622
SUBTOTAL		89.2	1,243,592	11,069,856	*	1,832,741
SERIES 200						
201 CNTRL FORST INSECTS	41	10.5	148,018	1,593,799	*	539,575
202 CONTROL FOREST DIS	41	6.9	203,088	802,535	*	97,568
203 FOREST FIRE PROTECT	5	1.2	0	86,933	*	24,421
209 CNTR WEEDS FLD CROPS	1	0.0	0	3,814	*	0
210 CONTR PESTS ANIMALS	1	0.1	0	56,543	*	0
214 PROTECT FROM POLLUTION	10	3.5	52,123	375,419	*	13,978
SUBTOTAL		22.2	403,229	2,919,043	*	675,542
SERIES 300						
301 GENET BREED FORST TRE	40	9.1	151,827	1,718,179	*	353,001
302 IMP FOREST ENG SYS	21	5.1	65,855	720,445	*	276,842
303 ECON TIMBER PRODUCTN	19	3.8	43,514	478,127	*	182,089
304 IMP BIO EFF FRT & VEGS	1	0.1	0	20,745	*	0
315 IMP STRUC FARM SUPP	3	0.6	12,376	72,193	*	0
318 NON COM BIO TECH/EIMET	19	11.1	15,047	661,419	*	8,224
SUBTOTAL		29.8	288,619	3,671,108	*	820,157
SERIES 400						
401 NEW IMP FOREST PROD	68	38.7	266,845	3,979,328	*	116,211
411 IMP NON FOOD ANML PR	1	0.5	30,378	30,378	*	0
SUBTOTAL		39.2	297,223	4,009,706	*	116,211
SERIES 500						
502 MKTG TIMBER PRODUCTS	13	1.9	14,503	262,517	*	51,605
510 GROUP ACT MKT POWER	2	0.5	0	32,419	*	0
511 IMP AGRIC STATISTICS	1	0.0	0	2,084	*	0
512 IMP GRADES FRST PROD	7	0.6	0	110,743	*	14,268
513 PRICE ANAL FRST PROD	8	2.4	9,022	258,227	*	67,551
SUBTOTAL		5.4	23,525	665,990	*	133,425
SERIES 600						
601 FGN MKT DEVELP	1	0.4	0	27,118	*	2,430
603 TECH AID DEV CNTY	6	1.4	565	221,600	*	23
SUBTOTAL		1.8	565	248,718	*	2,453
SERIES 700						
709 REDUCE HAZ HLTH & SFTY	1	0.3	0	18,523	*	0
SUBTOTAL		0.3	0	18,523	*	0
SERIES 800						
802 INDIV & FAM DEC MAKING	1	0.1	4,016	10,343	*	0
805 COMMUNICAT EDUC PROC	1	0.2	7,538	12,204	*	0
SUBTOTAL		0.3	11,554	22,547	*	0
SERIES 900						
901 ALLEV POLLUTION	19	1.9	16,984	252,789	*	48
902 OUTDOOR RECREATION	32	5.3	91,668	633,297	*	48,758
903 MULTI USE FOREST RSTRN	19	2.8	62,967	259,883	*	59,241
904 WLDLFE AND FISH ECOL	89	17.1	218,791	2,204,122	*	292,103
905 TREES BEAUTIFICATION	13	1.2	4,524	263,554	*	46,074
906 ORNAMENT & TURF DEV	1	0.0	0	9,798	*	0
908 RURAL INSTITUT IMP	1	0.0	0	6,426	*	0
SUBTOTAL		28.4	394,935	3,629,869	*	446,226
SCIENCE IN SERV OF MAN						
GRAND TOTAL		216.6	2,663,242	26,255,359	*	4,026,758

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- FORESTRY SCH ANN ARBOR F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	2	0.2	12,427	21,698	*	0
0400 AIR AND CLIMATE	1	0.0	9,406	10,759	*	0
0500 RECREATION RESOURCES	2	0.1	4,581	8,922	*	0
0600 TIMBER FORST PRODUCT	22	2.2	77,572	342,448	*	0
0800 WILDLIFE AND FISH	1	0.0	0	1,104	*	0
1300 ORNAMENTALS TURF	2	0.0	0	10,779	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	2,232	11,123	*	0
TOTAL		2.6	106,218	406,833	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- FORESTRY SCH ARCATA F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1	0.1	6,089	12,178	*	0
0600 TIMBER FORST PRODUCT	7	0.6	32,262	64,524	*	0
TOTAL		0.7	38,351	76,702	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- FORESTRY SCH BURLINGTON F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0500 RECREATION RESOURCES	3	0.8	28,391	57,789	*	3,111
0600 TIMBER FORST PRODUCT	9	1.8	122,110	297,695	*	43,406
0800 WILDLIFE AND FISH	2	0.9	38,281	81,697	*	3,355
6600 MICROORGANISMS VIRUSES	1	0.1	12,786	25,888	*	0
TOTAL		3.6	201,577	463,069	*	49,872

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- FORESTRY SCH CARBONDALE F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1	0.2	5,672	8,936	*	0
0200 WATER	1	0.2	5,672	8,936	*	0
0300 WATERSHEDS RIVER BAS	1	0.1	20,841	23,502	*	0
0500 RECREATION RESOURCES	2	0.1	1,220	7,783	*	0
0600 TIMBER FORST PRODUCT	11	4.6	52,681	187,309	*	35,387
4000 PEOPLE AS INDIVIDUALS	1	0.2	7,538	12,204	*	0
4600 FARM COOPERATIVES	1	0.3	0	15,168	*	0
4800 MARKETING SYSTEMS	1	0.3	0	15,168	*	0
TOTAL		6.0	93,624	279,004	*	35,387

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- FORESTRY SCH CLEMSON F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSFS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	5	0.9	20,489	86,603	*	0
0200 WATER	2	0.3	0	19,122	*	0
0300 WATERSHEDS RIVER BAS	2	0.0	0	18,283	*	0
0500 RECREATION RESOURCES	1	0.0	0	11,502	*	0
0600 TIMBER FORST PRODUCT	76	14.8	270,836	1,283,246	*	212,725
0700 RANGE	1	0.0	0	3,814	*	0
0800 WILDLIFE AND FISH	10	1.3	28,087	105,209	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.0	0	1,868	*	0
TOTAL		17.3	319,412	1,529,648	*	212,725

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- FORESTRY SCH CORVALLIS F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	9	1.6	7,663	214,864	*	72,743
0200 WATER	5	1.2	26,104	174,154	*	7,811
0300 WATERSHEDS RIVER BAS	5	1.8	2,348	261,647	*	92,711
0400 AIR AND CLIMATE	1	1.3	0	125,271	*	125,271
0500 RECREATION RESOURCES	5	1.3	0	172,972	*	14,659
0600 TIMBER FORST PRODUCT	102	37.4	391,786	4,907,938	*	1,476,486
0800 WILDLIFE AND FISH	4	0.3	0	62,199	*	33,928
3900 HOUSING & EQUIP	3	0.9	0	84,479	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.1	4,016	10,343	*	0
6100 WEEDS	1	0.0	0	7,812	*	7,811
6600 MICROORGANISMS VIRUSES	1	0.0	0	1,261	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	0.4	0	51,236	*	0
TOTAL		46.4	431,917	6,074,175	*	1,831,424

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- FORESTRY SCH FLAGSTAFF F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1	0.0	0	4,940	*	4,448
0200 WATER	2	0.3	0	5,075	*	4,566
0300 WATERSHEDS RIVER BAS	1	0.1	5,827	12,133	*	0
0500 RECREATION RESOURCES	2	0.3	12,092	25,126	*	0
0600 TIMBER FORST PRODUCT	18	3.8	79,710	312,778	*	67,860
0700 RANGE	1	0.0	0	1,374	*	1,239
TOTAL		4.5	97,629	361,426	*	78,113

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- FORESTRY SCH HOUGHTON F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1	0.5	0	96,108	*	0
0600 TIMBER FORST PRODUCT	10	8.6	121,571	1,646,448	*	0
TOTAL		9.1	121,571	1,742,556	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- FORESTRY SCH MISSCOLA F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	4	0.2	25,945	41,082	*	15,137
0200 WATER	2	0.9	2,360	79,207	*	0
0300 WATERSHEDS RIVER BAS	6	0.2	7,410	25,009	*	12,336
0500 RECREATION RESOURCES	2	0.2	21,933	41,712	*	19,779
0600 TIMBER FORST PRODUCT	38	7.4	133,623	912,781	*	193,056
0700 RANGE	3	2.7	0	236,553	*	6,011
0800 WILDLIFE AND FISH	11	1.8	65,299	161,338	*	20,693
TOTAL		13.4	256,570	1,497,682	*	267,014

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- FORESTRY SCH MOSCCW F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	4	0.4	0	93,169	*	30,288
0300 WATERSHEDS RIVER BAS	4	0.6	0	54,227	*	8,389
0500 RECREATION RESOURCES	6	1.5	32,013	144,435	*	0
0600 TIMBER FORST PRODUCT	55	20.6	207,873	2,185,519	*	548,513
0700 RANGE	8	2.3	26,398	217,881	*	50,353
0800 WILDLIFE AND FISH	41	7.3	18,261	1,171,982	*	67,221
TOTAL		32.7	284,545	3,867,213	*	704,764

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- FORESTRY SCH NACOGDCCHES F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1	0.4	14,003	41,705	*	0
0300 WATERSHEDS RIVER BAS	1	0.4	14,003	41,705	*	0
0600 TIMBER FORST PRODUCT	11	4.0	106,499	344,376	*	11,342
0700 RANGE	1	0.0	0	2,386	*	369
0800 WILDLIFE AND FISH	4	0.6	0	56,412	*	17,280
TOTAL		5.6	134,504	486,583	*	28,991

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- FORESTRY SCH RUSTON F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0600 TIMBER FORST PRODUCT	9	2.8	80,227	219,263	*	0
0800 WILDLIFE AND FISH	1	0.1	3,980	10,870	*	0
3600 FARM SUPP & FACILITS	1	0.3	12,376	33,894	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	5,304	14,526	*	0
TOTAL		3.4	101,887	278,553	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- FORESTRY SCH SEATTLE F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	2	2.7	0	308,510	*	5,122
0200 WATER	2	1.4	0	155,999	*	4,305
0500 RECREATION RESOURCES	1	0.0	0	52,770	*	4,164
0600 TIMBER FORST PRODUCT	27	15.8	175,799	3,624,138	*	390,474
0800 WILDLIFE AND FISH	3	3.0	61,774	318,708	*	117,601
3900 HOUSING & EQUIP	2	0.4	0	84,759	*	9,636
7000 RSCH EQUIP & TECHNOLOGY	1	0.4	8,809	8,809	*	0
TOTAL		23.7	246,382	4,553,692	*	531,306

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- FORESTRY SCH SYRACUSE F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	13	1.9	6,465	152,104	*	11,852
0200 WATER	14	1.1	0	149,287	*	0
0300 WATERSHEDS RIVER BAS	6	1.3	0	117,869	*	0
0400 AIR AND CLIMATE	4	0.4	0	51,997	*	0
0500 RECREATION RESOURCES	7	0.1	0	40,602	*	1,199
0600 TIMBER FORST PRODUCT	86	27.9	222,137	2,950,881	*	266,737
0700 RANGE	1	0.0	0	2,000	*	0
0800 WILDLIFE AND FISH	18	1.7	0	196,969	*	2,930
1200 VEGETABLES	1	0.1	0	20,745	*	0
1300 ORNAMENTALS TURF	1	0.0	0	1,121	*	0
3900 HOUSING & EQUIP	1	0.0	0	190	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.3	0	18,523	*	0
4300 SOC POLIT ORGANIZ	2	0.0	0	8,211	*	0
4700 OTH MARKET PROCESS	1	0.0	0	2,084	*	0
6300 BIO CELL SYSTEMS	5	3.4	0	231,712	*	295
6500 INVERTEBRATES	3	0.0	0	9,529	*	0
6600 MICROORGANISMS VIRUSES	3	1.7	453	96,171	*	0
6700 PLANTS	4	1.4	0	95,024	*	0
6800 ANIMALS(VERTEBRATES)	3	1.8	0	166,589	*	0
6900 RESEARCH ON RSCH PGMS	1	0.2	0	7,283	*	3,622
7000 RSCH EQUIP & TECHNOLOGY	9	4.1	0	319,375	*	526
TOTAL		47.6	229,055	4,638,223	*	287,162
GRAND TOTAL		216.6	2,663,242	26,255,359	*	4,026,758

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- NATIONAL TOTAL 1890/TUSKEGEE INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GI/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	16	8.6	731,874	761,488	*	29,583
0200 WATER	6	7.6	542,485	549,265	*	6,779
0300 WATERSHEDS RIVER BAS	1	0.6	184,190	184,190	*	0
0400 AIR AND CLIMATE	1	0.2	38,998	38,998	*	0
0600 TIMBER FORST PRODUCT	4	2.4	168,313	168,313	*	0
0700 RANGE	2	0.7	80,486	80,486	*	0
0800 WILDLIFE AND FISH	14	5.7	752,462	906,750	*	109,150
1000 FRUIT NUTS DECIDUOUS	7	3.9	400,364	400,364	*	0
1100 POTATOES	1	0.0	5,254	5,254	*	0
1200 VEGETABLES	34	21.6	2,238,369	2,300,625	*	52,893
1300 ORNAMENTALS TURF	1	0.3	20,589	20,634	*	0
1400 CORN	5	0.4	62,359	81,246	*	12,748
1500 GRAIN SORGHUM	3	0.1	14,577	15,983	*	5
1600 RICE	1	0.0	0	577	*	576
1700 WHEAT	3	0.9	88,690	88,690	*	0
1800 OTHER SMALL GRAINS	5	1.0	169,378	169,378	*	0
1900 PASTURE	2	0.2	64,002	65,388	*	1,385
2000 FORAGE CROPS	11	6.4	625,326	651,447	*	26,120
2100 COTTON	4	1.4	152,423	152,475	*	0
2200 COTTONSEED	1	0.1	0	12,598	*	0
2300 SOYBEANS	26	15.0	1,621,746	1,670,812	*	47,301
2400 PEANUTS	4	3.1	307,813	317,101	*	0
2500 OTHER OILSEED CROPS	2	1.4	145,110	177,371	*	135
2600 TOBACCO	2	1.0	41,504	411,979	*	370,475
2700 SUGAR CROPS	1	0.2	36,421	36,421	*	0
2800 MISC NEW CROPS	1	0.3	0	20,418	*	0
2900 POULTRY	17	6.2	898,603	926,865	*	15,659
3000 BEEF CATTLE	21	7.0	1,181,113	1,216,267	*	16,830
3100 DAIRY CATTLE	16	2.6	368,518	712,662	*	317,220
3200 SWINE	14	6.1	1,064,424	1,220,027	*	144,679
3300 SHEEP AND WOOL	5	2.4	340,190	340,190	*	0
3400 OTHER ANIMALS	16	8.4	1,546,988	1,557,488	*	2,105
3500 BEES AND HONEY	1	0.2	32,826	32,826	*	0
3600 FARM SUPP & FACILITS	2	0.1	15,012	17,153	*	232
3700 CLOTHING & TEXTILES	4	3.0	240,903	241,044	*	0
3800 FOOD	18	10.4	957,495	1,089,133	*	131,638
3900 HOUSING & EQUIP	2	1.2	80,486	246,741	*	166,255
4000 PEOPLE AS INDIVIDUALS	46	21.9	2,501,058	2,666,155	*	163,296
4100 FAMILY MEMBERS	26	11.4	1,167,061	1,234,057	*	40,548
4200 FARM AS BUSINESS	8	2.2	273,287	286,439	*	6,752
4300 SOC POLIT ORGANIZ	23	13.5	1,070,480	1,116,281	*	20,437
4400 AGRIC ECONOMY U S	8	1.6	218,280	220,514	*	85
6100 WEEDS	1	0.0	0	7,083	*	7,083
6300 BIO CELL SYSTEMS	3	1.4	250,872	251,260	*	388
6500 INVERTEBRATES	1	1.5	73,388	74,004	*	0
6600 MICROORGANISMS VIRUSES	3	1.5	117,019	117,019	*	0
6700 PLANTS	8	1.0	118,754	126,310	*	5,103
6800 ANIMALS(VERTEBRATES)	4	0.5	122,033	124,486	*	0
TOTAL		187.5	21,131,528	23,112,256	*	1,695,468

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- NATIONAL TOTAL 1890/TUSKEGEE INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CCM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 100						
101 APPRAIS OF SOIL RESOR	3	0.6	43,401	44,525	*	1,124
102 SOIL PLNT WTR NUTRI	10	7.0	624,837	635,663	*	11,194
105 CONSERV USE OF WATER	2	0.5	40,076	40,076	*	0
107 WATERSHED PROT & MGMT	2	0.6	61,839	61,839	*	0
109 WEATHER ADAPT & MOD	1	0.3	28,203	28,203	*	0
110 APPRAIS FORST & RANGS	1	0.2	17,667	17,667	*	0
111 BIOL CULT MGMT FORSTS	1	0.9	66,254	66,254	*	0
112 IMPROV RANGE RESOR	1	0.5	58,402	58,402	*	0
113 REMOTE SENSING	1	0.4	39,752	39,752	*	0
SUBTOTAL		11.0	980,031	992,380	*	12,318
SERIES 200						
204 CNTR PESTS FRT & VEGS	2	0.1	20,758	20,758	*	0
205 CNTR DISE FRT & VEG	5	0.9	95,864	104,502	*	8,638
206 CNTR WEEDS FRT & VEG	3	0.3	28,203	36,033	*	7,829
207 CNTR PESTS FLD CROPS	8	2.5	372,077	376,737	*	1,168
208 CNTR DIS FIELD CROPS	7	4.0	406,916	417,739	*	10,823
209 CNTR WEEDS FLD CROPS	3	1.4	187,916	191,423	*	14
210 CONTR PESTS ANIMALS	1	0.6	127,453	127,453	*	0
211 CONTR DIS ANIMALS	14	1.3	280,525	282,223	*	1,698
213 PROT ANMLS FROM TOXINS	3	0.2	47,379	47,379	*	0
214 PROTECT FROM POLLUTION	7	1.4	209,293	213,376	*	0
SUBTOTAL		12.8	1,780,383	1,817,623	*	26,172
SERIES 300						
301 GENET BREED FORST TRE	1	1.2	75,012	75,012	*	0
304 IMP BIO EFF FRT & VEGS	30	14.0	1,790,388	1,828,991	*	35,423
305 MECH PRCD FRT & VEGS	1	0.1	16,226	16,226	*	0
306 PROD MGMT SYS F & V	2	0.1	29,243	29,243	*	0
307 IMP BIC EFF FLD CRP	29	12.8	1,425,282	1,506,681	*	53,093
309 PROD MGMT SYS FLD CRP	1	0.0	17,338	17,338	*	0
310 ANIMAL REPRODUCTION	11	6.2	1,113,528	1,168,746	*	34,433
311 IMP BIO EFF ANML PR	27	11.5	2,100,959	2,144,212	*	16,830
312 ENV STRESS IN ANMI PR	3	0.5	69,515	77,708	*	8,193
313 PROD MGMT SYS ANMI PR	8	4.0	557,434	645,294	*	78,698
314 BEES OTH POLNTNG INS	1	0.2	32,826	32,826	*	0
315 IMP STRUC FARM SUPP	2	0.1	15,012	17,153	*	232
316 FARM BUSINESS MGMT	4	1.6	141,891	155,043	*	6,752
318 NON COM BIO TECH/EINST	8	3.1	374,545	384,362	*	9,201
SUBTOTAL		55.5	7,759,198	8,098,833	*	242,856
SERIES 400						
402 PROD F & V IMP ACCEPT	4	1.0	125,615	134,369	*	8,374
403 NEW & IMP F & V PROD	3	0.3	66,218	70,346	*	0
405 PROD FLD CROP IMP ACPT	7	3.0	234,627	257,802	*	23,175
406 NEW IMP FOOD FLD CROP	4	1.2	141,394	143,847	*	0
407 NEW IMP NON FOOD PC	2	0.2	5,134	20,906	*	0
409 PROD ANML PR IMP ACCP	12	4.8	518,283	877,836	*	352,108
410 IMP MEAT MILK EGG PR	5	0.6	95,476	102,986	*	0
411 IMP NON FOOD ANML PR	1	0.3	40,488	40,488	*	0
412 MKT QUAL ANIMAL PROD	1	0.4	94,555	94,555	*	0
SUBTOTAL		11.9	1,325,791	1,743,135	*	383,657
SERIES 500						
501 IMP GRADES & STANDS	1	0.4	28,628	28,628	*	0
506 SPLY DEMAND AND PRIC	1	1.2	48,016	48,016	*	0
508 DOMESTIC MKT DEVELP	2	0.3	52,719	52,747	*	0
SUBTOTAL		1.9	129,363	129,391	*	0
SERIES 700						
701 TOX RES IN FOOD	7	7.3	444,379	452,546	*	0
702 FOOD PROT FROM TOX	8	2.7	213,838	271,562	*	49,556
703 FOOD CONSUMP HABITS	14	6.6	684,184	846,729	*	162,297
704 HOME ECON FOOD SERV	1	0.0	12,173	12,194	*	0
705 SEL CARE CLOTH & TEXTL	4	3.0	240,903	241,044	*	0
708 HUMAN NUTRITION	27	14.8	1,535,151	1,573,652	*	7,698
709 REDUCE HAZ HLTH & SFTY	3	1.1	95,450	419,925	*	370,475
SUBTOTAL		35.4	3,184,078	3,817,652	*	590,022
SERIES 800						
801 RURAL HOUSING	2	1.2	80,486	246,741	*	166,255
802 INDIV & FAM DEC MAKING	12	8.0	782,764	807,619	*	8,766
803 RURAL POVERTY	15	10.8	1,001,613	1,012,945	*	0
804 ECON POTENT RURL REG	13	8.1	958,604	1,014,554	*	55,950
805 COMMUNICAT EDUC PROC	5	2.0	316,441	358,949	*	34,475
806 ADJUSTMENT TO CHANGE	13	2.7	233,362	280,658	*	41,716
807 AGRIC ECONOMIC CHANGE	8	3.2	433,588	437,971	*	85
SUBTOTAL		36.0	3,806,857	4,159,437	*	307,247
SERIES 900						
901 ALLEV POLLUTION	12	11.6	1,059,019	1,083,063	*	24,044
904 WLDLFE AND FISH ECOL	13	4.9	644,750	799,038	*	109,150
906 ORNAMENT & TURF DEV	1	0.3	20,589	20,634	*	0
907 RURAL INCOME IMP	1	1.3	94,704	94,704	*	0
908 RURAL INSTITUT IMP	4	4.8	346,765	356,365	*	0
SUBTOTAL		22.9	2,165,827	2,353,804	*	133,194
SCIENCE IN SERV OF MAN GRAND TOTAL		187.5	21,131,528	23,112,256	*	1,695,468

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- AG TECH NC. GREENSBORO 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	2	4.1	289,639	289,639	*	0
2000 FORAGE CROPS	1	0.4	66,403	66,403	*	0
2300 SOYBEANS	1	0.2	41,495	41,495	*	0
2600 TOBACCO	2	1.0	41,504	411,979	*	370,475
2900 POULTRY	1	0.0	92,172	92,172	*	0
3000 BEEF CATTLE	2	0.7	167,371	167,371	*	0
3100 DAIRY CATTLE	2	0.4	52,625	367,417	*	314,792
3200 SWINE	1	0.8	281,025	281,025	*	0
3300 SHEEP AND WOOL	2	1.1	134,298	134,298	*	0
3600 FARM SUPP & FACILITS	1	0.1	15,012	15,012	*	0
3700 CLOTHING & TEXTILES	1	0.8	64,654	64,654	*	0
3900 HOUSING & EQUIP	2	1.2	80,486	246,741	*	166,255
4000 PEOPLE AS INDIVIDUALS	5	4.0	484,362	484,362	*	0
4100 FAMILY MEMBERS	2	0.5	71,567	71,567	*	0
6600 MICROORGANISMS VIRUSES	1	0.4	37,407	37,407	*	0
6700 PLANTS	2	0.4	46,737	46,737	*	0
6800 ANIMALS(VERTEBRATES)	1	0.0	67,356	67,356	*	0
TOTAL		16.2	2,034,113	2,885,635	*	851,522

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- ALA A&M NORMAL 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1	0.3	26,501	26,501	*	0
0200 WATER	1	0.2	22,084	22,084	*	0
0600 TIMBER FORST PRODUCT	2	1.1	83,921	83,921	*	0
0700 RANGE	1	0.2	22,084	22,084	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.7	58,892	58,892	*	0
1200 VEGETABLES	3	0.3	66,218	72,021	*	0
1400 CORN	1	0.0	0	6,138	*	0
1700 WHEAT	1	0.1	20,612	20,612	*	0
1800 OTHER SMALL GRAINS	3	0.4	126,618	126,618	*	0
2200 COTTONSEED	1	0.1	0	12,598	*	0
2300 SOYBEANS	5	2.1	316,541	316,541	*	0
2400 PEANUTS	2	0.1	0	9,288	*	0
2800 MISC NEW CROPS	1	0.3	0	20,418	*	0
3000 BEEF CATTLE	1	0.3	40,488	40,488	*	0
3100 DAIRY CATTLE	3	0.8	98,643	104,782	*	0
3300 SHEEP AND WOOL	1	0.3	40,488	40,488	*	0
3400 OTHER ANIMALS	3	0.7	100,116	106,254	*	0
3700 CLOTHING & TEXTILES	1	1.1	51,531	51,531	*	0
3800 FOOD	1	1.0	45,642	45,642	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.4	25,030	25,030	*	0
4200 FARM AS BUSINESS	2	0.3	36,807	43,207	*	0
4300 SOC POLIT ORGANIZ	3	1.4	80,976	93,028	*	0
4400 AGRIC ECONOMY U S	1	0.3	36,807	36,807	*	0
6700 PLANTS	1	0.0	0	2,452	*	0
6800 ANIMALS(VERTEBRATES)	1	0.0	0	2,452	*	0
TOTAL		12.6	1,300,000	1,389,879	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- ALA TUSKEGEE TUSKEGEE 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1	0.1	16,715	16,715	*	0
0800 WILDLIFE AND FISH	2	0.0	7,507	7,507	*	0
1000 FRUIT NUTS DECIDUOUS	3	0.8	118,148	118,148	*	0
1200 VEGETABLES	8	1.0	210,578	225,810	*	15,231
1400 CORN	1	0.0	0	1,349	*	1,348
2000 FORAGE CROPS	2	0.2	51,465	51,465	*	0
2900 POULTRY	6	1.0	236,188	238,192	*	2,004
3000 BEEF CATTLE	6	0.1	27,795	38,734	*	10,939
3100 DAIRY CATTLE	8	0.2	48,568	48,568	*	0
3200 SWINE	5	0.4	101,795	135,922	*	34,127
3400 OTHER ANIMALS	8	0.9	138,189	140,295	*	2,105
3500 BEES AND HONEY	1	0.2	32,826	32,826	*	0
3800 FOOD	3	0.2	23,671	25,776	*	2,105
4000 PEOPLE AS INDIVIDUALS	3	0.5	75,911	75,911	*	0
4100 FAMILY MEMBERS	3	0.5	71,241	71,241	*	0
4300 SOC POLIT ORGANIZ	3	0.3	41,035	41,035	*	0
6600 MICROORGANISMS VIRUSES	2	1.1	79,612	79,612	*	0
6800 ANIMALS(VERTEBRATES)	1	0.1	19,587	19,587	*	0
TOTAL		7.6	1,300,832	1,368,694	*	67,862

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- ALCORN A&M LORMAN 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	3	0.2	42,554	59,818	*	17,264
0200 WATER	1	0.0	0	6,779	*	6,779
0800 WILDLIFE AND FISH	1	0.5	75,696	75,696	*	0
1200 VEGETABLES	3	0.5	165,318	172,401	*	7,083
1900 PASTURE	2	0.2	64,002	65,388	*	1,385
2300 SOYBEANS	1	0.1	42,554	42,554	*	0
2700 SUGAR CROPS	1	0.2	36,421	36,421	*	0
2900 POULTRY	1	0.1	38,889	38,889	*	0
3000 BEEF CATTLE	2	0.5	149,339	152,571	*	3,232
3800 FOOD	1	0.3	161,584	161,584	*	0
4000 PEOPLE AS INDIVIDUALS	4	0.5	227,709	244,460	*	16,751
4100 FAMILY MEMBERS	1	0.2	43,112	43,112	*	0
4200 FARM AS BUSINESS	2	0.2	56,588	56,588	*	0
4300 SOC POLIT ORGANIZ	1	0.2	43,112	43,112	*	0
4400 AGRIC ECONOMY U S	2	0.3	58,437	58,437	*	0
6100 WEEDS	1	0.0	0	7,083	*	7,083
TOTAL		4.3	1,205,315	1,264,894	*	59,579

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- ARK A&M PINE BLUFF 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1	0.5	46,226	46,258	*	0
0800 WILDLIFE AND FISH	4	1.2	198,744	233,175	*	418
1200 VEGETABLES	1	0.9	109,531	124,121	*	13,958
1300 ORNAMENTALS TURF	1	0.3	20,589	20,634	*	0
1500 GRAIN SORGHUM	2	0.1	9,323	10,729	*	5
2100 COTTON	2	0.4	42,714	42,766	*	0
2300 SOYBEANS	3	0.7	58,600	60,956	*	592
2500 OTHER OILSEED CROPS	1	0.7	81,521	113,782	*	135
2900 POULTRY	2	0.9	68,202	90,936	*	13,655
3400 OTHER ANIMALS	2	0.9	108,415	110,671	*	0
3700 CLOTHING & TEXTILES	2	1.1	124,718	124,859	*	0
4000 PEOPLE AS INDIVIDUALS	5	0.5	96,369	102,618	*	4,448
4100 FAMILY MEMBERS	2	0.2	26,454	26,858	*	0
4300 SOC POLIT ORGANIZ	2	0.3	28,370	30,548	*	29
4400 AGRIC ECONOMY U S	1	0.3	28,370	30,519	*	0
6500 INVERTEBRATES	1	1.5	73,388	74,004	*	0
TOTAL		10.4	1,121,533	1,243,433	*	33,242

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- DEL STATE COL DOVER 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0400 AIR AND CLIMATE	1	0.2	38,998	38,998	*	0
0800 WILDLIFE AND FISH	2	0.7	158,700	158,700	*	0
1200 VEGETABLES	1	1.5	87,279	87,279	*	0
2000 FORAGE CROPS	2	1.1	67,192	67,192	*	0
3100 DAIRY CATTLE	1	0.4	38,614	38,614	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.5	55,946	55,946	*	0
TOTAL		4.4	446,729	446,729	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- FLORIDA A&M TALLAHASSE 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1	0.4	30,150	30,150	*	0
0200 WATER	2	6.9	414,502	414,502	*	0
0600 TIMBER FORST PRODUCT	1	0.1	9,380	9,380	*	0
0800 WILDLIFE AND FISH	1	1.3	83,826	83,826	*	0
2400 PEANUTS	1	2.0	106,111	106,111	*	0
3000 BEEF CATTLE	1	1.0	55,092	55,092	*	0
3800 FOOD	1	1.0	66,978	66,978	*	0
4000 PEOPLE AS INDIVIDUALS	2	1.1	89,936	89,936	*	0
4100 FAMILY MEMBERS	1	0.2	34,438	34,438	*	0
TOTAL		14.1	890,414	890,414	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- FT. VALLEY COL FORT VALLEY 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	2	0.8	93,729	93,729	*	0
0200 WATER	1	0.1	13,804	13,804	*	0
1000 FRUIT NUTS DECIDUOUS	2	1.7	177,013	177,013	*	0
1100 POTATOES	1	0.0	5,254	5,254	*	0
1200 VEGETABLES	7	3.7	391,527	398,187	*	3,733
1500 GRAIN SORGHUM	1	0.0	5,254	5,254	*	0
1800 OTHER SMALL GRAINS	1	0.0	5,254	5,254	*	0
2300 SOYBEANS	2	1.5	126,160	126,160	*	0
2900 POULTRY	1	0.9	84,585	84,585	*	0
3000 BEEF CATTLE	2	1.8	209,750	209,750	*	0
3300 SHEEP AND WOOL	1	0.4	48,372	48,372	*	0
3600 FARM SUPP & FACILITS	1	0.0	0	2,141	*	232
4000 PEOPLE AS INDIVIDUALS	2	0.4	52,621	52,621	*	0
4100 FAMILY MEMBERS	3	0.6	78,706	78,706	*	0
4300 SOC POLIT ORGANIZ	2	0.3	30,225	30,225	*	0
4400 AGRIC ECONOMY U S	1	0.2	14,606	14,606	*	0
6300 BIO CELL SYSTEMS	1	1.0	56,557	56,557	*	0
6700 PLANTS	1	0.1	13,804	13,804	*	0
TOTAL		13.6	1,407,220	1,416,021	*	3,965

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- KY STATE COLL FRANKFORT 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0600 TIMBER FORST PRODUCT	1	1.2	75,012	75,012	*	0
0800 WILDLIFE AND FISH	1	1.3	95,920	95,920	*	0
1400 CORN	2	0.2	62,359	62,936	*	576
1600 RICE	1	0.0	0	577	*	576
1700 WHEAT	1	0.6	37,506	37,506	*	0
1800 OTHER SMALL GRAINS	1	0.6	37,506	37,506	*	0
3100 DAIRY CATTLE	1	0.1	0	2,428	*	2,428
3800 FOOD	4	3.9	326,611	326,696	*	85
4000 PEOPLE AS INDIVIDUALS	5	4.2	318,405	320,918	*	2,513
4100 FAMILY MEMBERS	5	1.6	139,760	149,496	*	9,736
4300 SOC POLIT ORGANIZ	6	6.3	478,545	498,934	*	20,389
6300 BIO CELL SYSTEMS	1	0.0	0	388	*	388
6700 PLANTS	1	0.0	0	1,730	*	1,730
TOTAL		20.1	1,571,624	1,610,047	*	38,423

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- LANGSTON UNIV LANGSTON 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0200 WATER	1	0.3	92,095	92,095	*	0
0300 WATERSHEDS RIVER BAS	1	0.6	184,190	184,190	*	0
0800 WILDLIFE AND FISH	1	0.0	77,344	77,344	*	0
1200 VEGETABLES	1	1.0	77,992	77,992	*	0
2100 COTTON	2	1.0	105,709	109,709	*	0
2300 SOYBEANS	1	1.0	144,001	144,001	*	0
2400 PEANUTS	1	1.0	201,702	201,702	*	0
3800 FOOD	1	0.3	0	79,892	*	79,892
4000 PEOPLE AS INDIVIDUALS	3	0.3	46,722	161,089	*	114,367
6700 PLANTS	1	0.1	30,698	30,698	*	0
TOTAL		5.5	964,453	1,158,712	*	194,259

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- LINCOLN UNIV JEFFERSON 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0700 RANGE	1	0.5	58,402	58,402	*	0
1200 VEGETABLES	1	1.0	299,650	299,650	*	0
2300 SOYBEANS	1	1.0	44,700	44,700	*	0
2900 POULTRY	2	1.0	148,895	148,895	*	0
3000 BEEF CATTLE	3	1.0	227,585	227,585	*	0
3200 SWINE	2	0.8	91,385	91,385	*	0
3300 SHEEP AND WOOL	1	0.6	117,032	117,032	*	0
3400 OTHER ANIMALS	1	0.3	42,498	42,498	*	0
3800 FOOD	2	0.9	80,133	80,133	*	0
4000 PEOPLE AS INDIVIDUALS	4	2.0	304,569	304,569	*	0
4100 FAMILY MEMBERS	1	0.2	19,495	19,495	*	0
6800 ANIMALS(VERTEBRATES)	1	0.4	35,091	35,091	*	0
TOTAL		9.9	1,469,435	1,469,435	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- MD. STATE COL PRINCESS ANN 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1	0.2	29,954	29,954	*	0
0800 WILDLIFE AND FISH	1	0.2	0	119,857	*	108,732
2000 FORAGE CROPS	1	0.3	44,932	44,932	*	0
2300 SOYBEANS	4	4.1	306,597	306,597	*	0
3200 SWINE	1	0.2	63,142	63,142	*	0
4100 FAMILY MEMBERS	1	0.7	183,833	209,876	*	0
4300 SOC POLIT ORGANIZ	1	0.3	78,785	89,947	*	0
6700 PLANTS	1	0.4	27,516	27,516	*	0
TOTAL		6.4	734,759	891,821	*	108,732

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- PRAIRIE VW A&M PRAIRIE VIEW 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	2	0.7	96,084	107,279	*	11,194
1700 WHEAT	1	0.2	30,572	30,572	*	0
2000 FORAGE CROPS	3	1.9	234,483	260,604	*	26,120
2300 SOYBEANS	1	0.2	0	28,983	*	28,983
2900 POULTRY	1	0.2	30,572	30,572	*	0
3000 BEEF CATTLE	1	0.2	30,572	30,572	*	0
3200 SWINE	2	1.7	237,128	347,680	*	110,552
3400 OTHER ANIMALS	1	5.1	1,062,107	1,062,107	*	0
4100 FAMILY MEMBERS	1	2.9	219,203	219,203	*	0
6700 PLANTS	1	0.0	0	3,373	*	3,373
TOTAL		13.1	1,940,722	2,120,945	*	180,223

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- SC STATE COLL ORANGEBURG 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1	0.0	0	1,124	*	1,124
0800 WILDLIFE AND FISH	1	0.5	54,725	54,725	*	0
1200 VEGETABLES	1	0.1	0	4,639	*	4,638
1400 CORN	1	0.1	0	10,823	*	10,823
2300 SOYBEANS	2	0.7	77,440	86,917	*	9,477
3400 OTHER ANIMALS	1	0.4	95,664	95,664	*	0
3800 FOOD	1	0.6	62,068	62,068	*	0
4000 PEOPLE AS INDIVIDUALS	5	3.3	437,218	462,395	*	25,177
4100 FAMILY MEMBERS	3	1.3	152,106	182,878	*	30,772
4200 FARM AS BUSINESS	1	0.5	49,044	49,044	*	0
6300 BIO CELL SYSTEMS	1	0.4	194,315	194,315	*	0
TOTAL		7.9	1,122,580	1,204,593	*	82,013

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- SOUTHERN UNIV BATON ROUGE 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
1200 VEGETABLES	2	1.3	178,592	178,592	*	0
2500 OTHER OILSEED CROPS	1	0.7	63,589	63,589	*	0
2900 POULTRY	1	0.0	0	3,524	*	0
3000 BEEF CATTLE	2	0.6	154,255	175,237	*	2,658
3100 DAIRY CATTLE	1	0.7	130,068	150,853	*	0
3200 SWINE	2	1.2	145,251	156,175	*	0
4000 PEOPLE AS INDIVIDUALS	3	3.1	200,113	200,113	*	0
4200 FARM AS BUSINESS	2	0.0	38,001	44,753	*	6,752
4300 SOC POLIT ORGANIZ	1	0.9	82,483	82,483	*	0
4400 AGRIC ECONOMY U S	1	0.0	38,001	38,001	*	0
TOTAL		8.6	1,030,353	1,093,320	*	9,410

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- TEN A&M IND NASHVILLE 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
1200 VEGETABLES	1	1.3	107,409	107,409	*	0
2000 FORAGE CROPS	1	1.9	95,548	95,548	*	0
2300 SOYBEANS	3	2.3	322,786	322,786	*	0
2900 POULTRY	1	0.8	107,963	107,963	*	0
3000 BEEF CATTLE	1	0.8	118,866	118,866	*	0
3800 FOOD	1	0.7	104,665	104,665	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.0	0	40	*	39
4100 FAMILY MEMBERS	2	1.1	57,673	57,713	*	39
4200 FARM AS BUSINESS	1	1.1	92,847	92,847	*	0
4300 SOC POLIT ORGANIZ	4	3.4	206,949	206,969	*	19
4400 AGRIC ECONOMY U S	2	0.6	42,060	42,145	*	85
TOTAL		14.1	1,256,766	1,256,950	*	184

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- VA STATE COLL PETERSBURG 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1	1.2	60,320	60,320	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.8	46,312	46,312	*	0
1200 VEGETABLES	5	8.9	544,275	552,524	*	8,249
2000 FORAGE CROPS	1	0.6	65,303	65,303	*	0
2300 SOYBEANS	2	1.0	140,872	149,121	*	8,249
2900 POULTRY	1	1.3	91,137	91,137	*	0
3200 SWINE	1	1.0	144,698	144,698	*	0
3800 FOOD	3	1.5	86,143	135,699	*	49,556
4000 PEOPLE AS INDIVIDUALS	2	1.1	86,147	86,147	*	0
4100 FAMILY MEMBERS	1	1.3	69,473	69,473	*	0
TOTAL		18.7	1,334,680	1,400,734	*	66,054
GRAND TOTAL		187.5	21,131,528	23,112,256	*	1,695,468

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- NATIONAL TOTAL SCHOOLS OF VETERINARY MEDICINE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1	0.0	0	9,565	*	0
0800 WILDLIFE AND FISH	15	7.5	22,554	589,572	*	79,853
2900 POULTRY	52	21.6	130,255	3,419,036	*	184,041
3000 BEEF CATTLE	179	27.6	173,563	4,487,118	*	571,331
3100 DAIRY CATTLE	197	41.7	346,802	5,900,542	*	635,333
3200 SWINE	112	26.2	189,225	3,599,232	*	285,351
3300 SHEEP AND WOOL	50	10.6	89,831	1,201,786	*	212,381
3400 OTHER ANIMALS	203	63.2	92,468	10,631,015	*	286,686
3800 FOOD	2	1.0	0	100,743	*	40,550
4000 PEOPLE AS INDIVIDUALS	16	7.7	0	1,289,793	*	0
4100 FAMILY MEMBERS	2	0.3	0	98,655	*	0
6300 BIO CELL SYSTEMS	20	3.1	0	796,018	*	0
6600 MICROORGANISMS VIRUSES	7	2.1	0	392,339	*	21,229
6700 PLANTS	2	0.7	0	21,597	*	0
6800 ANIMALS(VERTEBRATES)	125	78.2	64,138	13,826,901	*	367,686
7000 RSCH EQUIP & TECHNOLOGY	3	0.7	6,600	93,965	*	0
TOTAL		292.2	1,115,478	46,457,877	*	2,644,444

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- NATIONAL TOTAL SCHOOLS OF VETERINARY MEDICINE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 200						
210 CONTR PESTS ANIMALS	1	0.0	0	489	*	0
211 CONTR DIS ANIMALS	485	172.8	853,320	26,400,218	*	1,761,190
212 CNTR INTER PARASITES	51	14.6	67,781	1,878,150	*	506,748
213 PROT ANMLS FROM TOXINS	43	26.0	75,184	6,233,979	*	87,545
214 PROTECT FROM POLLUTION	16	14.6	1,643	2,533,047	*	10,000
SUBTOTAL		228.1	997,929	37,045,883	*	2,365,483
SERIES 300						
310 ANIMAL REPRODUCTION	48	18.6	58,986	2,834,182	*	49,392
311 IMP BIO EFF ANML PR	49	16.5	33,409	2,344,170	*	76,429
312 ENV STRESS IN ANML PR	10	1.4	0	175,011	*	21,506
313 PROD MGMT SYS ANML PR	1	0.0	0	5,762	*	0
318 NON CON BIO TECH/GENET	49	10.8	6,600	1,796,290	*	11,229
SUBTOTAL		47.3	98,995	7,155,415	*	158,557
SERIES 600						
603 TECH AID DEV CNTY	1	0.3	0	176,852	*	0
SUBTOTAL		0.3	0	176,852	*	0
SERIES 700						
702 FOOD PROT FROM TOX	4	1.3	0	119,654	*	40,550
707 TRANS ANIMI HAN DIS	10	5.5	0	915,181	*	0
708 HUMAN NUTRITION	1	0.0	0	33,685	*	0
709 REDUCE HAZ HLTH & SFTY	6	2.3	0	303,498	*	0
SUBTOTAL		9.2	0	1,372,018	*	40,550
SERIES 800						
805 COMMUNICAT EDUC PROC	1	0.0	0	115,870	*	0
SUBTOTAL		0.0	0	115,870	*	0
SERIES 900						
901 ALLEV POLLUTION	1	0.0	0	9,565	*	0
904 WLDLFE AND FISH ECOL	14	7.3	22,554	582,275	*	79,853
SUBTOTAL		7.3	22,554	591,840	*	79,853
SCIENCE IN SERV OF MAN						
GRAND TOTAL		292.2	1,115,478	46,457,877	*	2,644,444

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- SCH VET MED ALABAMA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
3000 BEEF CATTLE	18	4.3	11,777	339,897	*	5,600
3100 DAIRY CATTLE	17	2.8	7,488	221,296	*	1,400
3200 SWINE	4	0.8	2,178	63,665	*	0
3400 OTHER ANIMALS	4	1.1	0	49,901	*	3,231
TOTAL		9.0	21,443	674,759	*	10,231

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- SCH VET MED CALIFORNIA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
2900 POULTRY	6	3.1	20,123	86,746	*	0
3000 BEEF CATTLE	9	4.9	16,284	460,955	*	0
3100 DAIRY CATTLE	21	13.7	74,147	595,102	*	0
3200 SWINE	5	1.8	12,621	62,256	*	0
3300 SHEEP AND WOOL	9	5.4	19,800	261,181	*	115,447
3400 OTHER ANIMALS	23	16.7	27,380	1,667,662	*	87,500
3800 FOOD	1	0.3	0	3,533	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.0	0	115,870	*	0
6800 ANIMALS(VERTEBRATES)	16	29.7	8,690	5,967,572	*	300,000
TOTAL		75.5	179,044	9,220,877	*	502,947

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- SCH VET MED COLORADO VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
3000 BEEF CATTLE	2	1.3	0	292,246	*	0
3100 DAIRY CATTLE	2	0.7	0	135,735	*	0
3300 SHEEP AND WOOL	1	0.0	0	1,677	*	0
3400 OTHER ANIMALS	1	0.2	0	51,611	*	0
6800 ANIMALS(VERTEBRATES)	1	0.2	0	51,611	*	0
TOTAL		2.4	0	532,881	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- SCH VET MED FLORIDA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	FED FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
3000 BEEF CATTLE	9	1.4	4,250	399,000	*	11,529
3100 DAIRY CATTLE	6	0.9	2,750	277,519	*	0
3200 SWINE	2	0.6	1,000	103,704	*	0
3300 SHEEP AND WOOL	3	0.7	2,500	132,363	*	0
3400 OTHER ANIMALS	18	4.8	9,815	1,589,071	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.3	0	3,950	*	0
6800 ANIMALS(VERTEBRATES)	4	0.8	2,100	204,808	*	7,686
TOTAL		9.5	22,415	2,710,414	*	19,215

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- SCH VET MED GEORGIA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0800 WILDLIFE AND FISH	5	4.0	19,154	335,708	*	73,820
2900 POULTRY	12	8.7	48,962	1,690,295	*	134,528
3000 BEEF CATTLE	9	2.6	25,823	502,056	*	1,644
3100 DAIRY CATTLE	6	0.8	979	115,201	*	145
3200 SWINE	10	4.4	17,748	717,319	*	26,091
3300 SHEEP AND WOOL	2	1.6	1,958	178,619	*	290
3400 OTHER ANIMALS	6	2.9	3,791	294,006	*	299
3800 FOOD	1	0.8	0	97,210	*	40,550
6600 MICROORGANISMS VIRUSES	1	0.2	0	31,409	*	0
6800 ANIMALS(VERTEBRATES)	1	1.0	16,063	216,908	*	0
TOTAL		27.1	130,479	4,178,733	*	277,368

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- SCH VET MED IDAHO VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
3000 BEEF CATTLE	1	0.7	0	968	*	0
6800 ANIMALS(VERTEBRATES)	2	1.7	0	143,692	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.3	0	59,092	*	0
TOTAL		2.7	0	203,752	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- SCH VET MED IOWA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0800 WILDLIFE AND FISH	2	0.4	0	53,333	*	6,033
2900 POULTRY	11	2.5	27,750	479,827	*	0
3000 BEEF CATTLE	42	6.3	33,905	1,184,742	*	182,002
3100 DAIRY CATTLE	38	4.4	33,905	966,670	*	140,597
3200 SWINE	52	12.6	117,780	1,915,497	*	182,588
3300 SHEEP AND WOOL	3	0.5	4,183	60,546	*	0
3400 OTHER ANIMALS	8	0.9	11,786	129,943	*	1,415
4000 PEOPLE AS INDIVIDUALS	3	0.5	0	82,261	*	0
6700 PLANTS	1	0.0	0	7,427	*	0
6800 ANIMALS(VERTEBRATES)	13	2.8	33,885	519,644	*	0
TOTAL		31.1	263,194	5,399,891	*	512,637

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- SCH VET MED KANSAS VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA COM/GT/CA SYS 1983	WITH SAES AMOUNT 1983
2900 POULTRY	1	0.2	0	13,105	*	0
3000 BEEF CATTLE	17	1.4	0	169,200	*	0
3100 DAIRY CATTLE	5	0.2	0	21,862	*	0
3200 SWINE	6	0.5	0	30,940	*	0
3300 SHEEP AND WOOL	3	0.2	0	26,305	*	0
3400 OTHER ANIMALS	1	0.0	0	1,209	*	0
TOTAL		2.6	0	262,622	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- SCH VET MED MASSACHUSETTS VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0800 WILDLIFE AND FISH	1	0.5	3,400	3,400	*	0
2900 POULTRY	1	0.5	2,386	2,386	*	0
3100 DAIRY CATTLE	1	0.1	3,000	3,000	*	0
3200 SWINE	3	1.9	23,588	23,588	*	0
3400 OTHER ANIMALS	2	1.0	8,400	8,400	*	0
6300 BIO CELL SYSTEMS	9	2.5	0	591,674	*	0
6600 MICROORGANISMS VIRUSES	3	1.2	0	188,708	*	0
6800 ANIMALS(VERTEBRATES)	5	1.7	3,400	329,625	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.4	6,600	6,600	*	0
TOTAL		9.8	50,774	1,157,381	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- SCH VET MED NEW YORK VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0800 WILDLIFE AND FISH	6	2.2	0	171,131	*	0
2900 POULTRY	14	5.7	25,484	1,042,622	*	5,945
3000 BEEF CATTLE	26	2.0	32,456	385,647	*	113,163
3100 DAIRY CATTLE	49	10.0	100,597	1,747,526	*	220,157
3200 SWINE	11	1.8	3,971	217,067	*	43,060
3300 SHEEP AND WOOL	9	0.6	21,278	168,103	*	0
3400 OTHER ANIMALS	47	25.5	20,756	4,489,235	*	57,588
4000 PEOPLE AS INDIVIDUALS	8	6.2	0	898,164	*	0
4100 FAMILY MEMBERS	1	0.2	0	72,830	*	0
6600 MICROORGANISMS VIRUSES	1	0.2	0	13,450	*	11,229
6700 PLANTS	1	0.6	0	14,170	*	0
6800 ANIMALS(VERTEBRATES)	22	9.5	0	1,241,810	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.0	0	28,273	*	0
TOTAL		64.5	204,542	10,490,028	*	451,145

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- SCH VET MED OHIO VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1	0.0	0	9,565	*	0
2900 POULTRY	2	0.1	0	16,567	*	3,568
3000 BEEF CATTLE	7	0.5	18,096	159,164	*	53,293
3100 DAIRY CATTLE	8	0.8	47,058	227,540	*	86,330
3200 SWINE	2	0.1	0	26,754	*	0
3300 SHEEP AND WOOL	1	0.1	20,028	20,028	*	0
3400 OTHER ANIMALS	10	1.5	0	375,217	*	0
4000 PEOPLE AS INDIVIDUALS	3	0.7	0	189,548	*	0
4100 FAMILY MEMBERS	1	0.1	0	25,825	*	0
6800 ANIMALS(VERTEBRATES)	22	2.4	0	434,728	*	0
TOTAL		6.3	85,182	1,484,936	*	143,191

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- SCH VET MED OREGON VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
3000 BEEF CATTLE	2	0.2	16,382	23,227	*	0
3100 DAIRY CATTLE	5	0.2	18,382	77,588	*	32,453
3300 SHEEP AND WOOL	3	0.1	4,085	29,672	*	25,239
3400 OTHER ANIMALS	4	0.2	0	36,723	*	8,322
6800 ANIMALS(VERTEBRATES)	4	0.7	0	112,905	*	0
TOTAL		1.4	40,850	280,115	*	66,016

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- SCH VET MED PENNSYLVANIA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
2900 POULTRY	4	0.6	9,590	83,577	*	0
3000 BEEF CATTLE	13	1.4	12,590	286,966	*	35,309
3100 DAIRY CATTLE	23	6.5	58,495	1,172,075	*	52,983
3200 SWINE	7	0.6	10,340	85,790	*	13,611
3300 SHEEP AND WOOL	5	1.0	16,000	130,453	*	0
3400 OTHER ANIMALS	12	4.0	10,540	589,594	*	49,457
6800 ANIMALS(VERTEBRATES)	10	4.9	0	644,669	*	0
TOTAL		19.1	117,555	2,993,126	*	151,361

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- SCH VET MED TENNESSEE VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
3300 SHEEP AND WOOL	1	0.0	0	543	*	0
3400 OTHER ANIMALS	1	0.1	0	67,450	*	0
6800 ANIMALS(VERTEBRATES)	2	0.1	0	169,409	*	0
TOTAL		0.2	0	237,402	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- SCH VET MED TEXAS VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0800 WILDLIFE AND FISH	1	0.3	0	26,000	*	0
2900 POULTRY	1	0.1	0	3,910	*	0
3000 BEEF CATTLE	3	0.2	0	40,346	*	20,859
3100 DAIRY CATTLE	5	0.7	0	199,118	*	30,859
3200 SWINE	3	1.1	0	323,409	*	20,000
3300 SHEEP AND WOOL	1	0.0	0	1,955	*	0
3400 OTHER ANIMALS	4	2.6	0	345,815	*	0
6600 MICROORGANISMS VIRUSES	2	0.5	0	158,772	*	10,000
6800 ANIMALS(VERTEBRATES)	2	3.0	0	952,631	*	60,000
TOTAL		8.6	0	2,051,957	*	141,719

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- SCH VET MED WASHINGTON VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
3000 BEEF CATTLE	21	0.1	0	242,703	*	147,930
3100 DAIRY CATTLE	11	0.0	0	140,310	*	70,406
3200 SWINE	7	0.0	0	29,241	*	0
3300 SHEEP AND WOOL	9	0.2	0	190,339	*	71,404
3400 OTHER ANIMALS	62	1.7	0	935,176	*	78,872
6300 BIO CELL SYSTEMS	11	0.6	0	204,344	*	0
6800 ANIMALS(VERTEBRATES)	21	19.7	0	2,836,889	*	0
TOTAL		22.4	0	4,579,003	*	368,614
GRAND TOTAL		292.2	1,115,478	46,457,877	*	2,644,444

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- NATIONAL TOTAL OTHER NON-FEDERAL INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0600 TIMBER FORST PRODUCT	1	0.3	11,402	14,082	*	*
0900 CITRUS SUB TROP FRUT	1	0.5	0	47,006	*	*
1000 FRUIT NUTS DECIDUOUS	3	0.7	15,108	97,307	*	*
1200 VEGETABLES	1	0.1	27,810	27,810	*	*
1400 CORN	4	0.0	94,588	96,231	*	*
2000 FORAGE CROPS	1	0.5	16,859	16,859	*	*
2300 SOYBEANS	2	0.2	96,635	96,635	*	*
2500 OTHER OILSEED CROPS	1	0.0	12,100	12,100	*	*
2700 SUGAR CROPS	1	0.3	38,373	66,536	*	*
3000 BEEF CATTLE	1	0.0	6,075	6,075	*	*
3100 DAIRY CATTLE	1	0.0	6,075	6,075	*	*
3600 FARM SUPP & FACILITS	1	0.0	30,426	30,426	*	*
3800 FOOD	19	6.0	773,134	795,770	*	*
3900 HOUSING & EQUIP	1	0.1	19,820	19,820	*	*
6300 BIO CELL SYSTEMS	7	1.3	213,562	281,909	*	*
6500 INVERTEBRATES	2	0.0	18,214	19,600	*	*
6600 MICROORGANISMS VIRUSES	24	19.4	692,643	994,372	*	*
6700 PLANTS	32	5.3	1,096,320	1,362,433	*	*
7000 RSCH EQUIP & TECHNOLOGY	3	0.0	0	540,250	*	*
TOTAL		34.7	3,169,142	4,531,294	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- NATIONAL TOTAL OTHER NON-FEDERAL INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 200						
205 CNTR DISE FRT & VEG	4	0.8	100,618	137,616	*	*
208 CNTR DIS FIELD CROPS	3	0.3	70,853	99,016	*	*
211 CONTR DIS ANIMALS	1	0.0	12,150	12,150	*	*
214 PROTECT FROM POLLUTION	3	0.0	0	753,000	*	*
SUBTOTAL		1.1	183,621	1,001,782	*	*
SERIES 300						
304 IMP BIO EFF FRT & VEGS	2	0.9	66,482	147,674	*	*
305 MECH PROD FRT & VEGS	1	0.5	0	47,006	*	*
306 PROD MGMT SYS F & V	1	0.0	7,260	7,260	*	*
307 IMP BIO EFF FLD CRP	8	0.7	220,607	222,250	*	*
315 IMP STRUC FARM SUPP	2	0.1	50,246	50,246	*	*
318 NON COM BIO TECH/EIMET	54	25.4	1,862,953	2,254,467	*	*
SUBTOTAL		27.6	2,207,547	2,728,902	*	*
SERIES 400						
403 NEW & IMP F & V PROD	1	0.0	4,840	4,840	*	*
SUBTOTAL		0.0	4,840	4,840	*	*
SERIES 700						
708 HUMAN NUTRITION	19	6.0	773,134	795,770	*	*
SUBTOTAL		6.0	773,134	795,770	*	*
SCIENCE IN SERV OF MAN						
GRAND TOTAL		34.7	3,169,142	4,531,294	*	*

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YRS I.H.	STAFF-YRS SUPPORT YEARS	PEG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FOREST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	288	175.0	237.9	22827	2121	97	0	0	126	231	25402	956	39	26397
0200 WATER	244	162.4	249.9	20622	1110	263	0	0	42	605	22641	799	81	23521
0300 WATERSHEDS RIVER BAS	116	150.6	201.9	16084	367	14	0	0	601	2335	19400	1258	1	20659
0400 AIR AND CLIMATE	24	13.7	18.5	1796	86	0	0	0	37	0	1919	225	0	2145
0500 RECREATION RESOURCES	14	26.7	19.5	2903	0	0	0	0	419	0	3322	210	0	3532
0600 TIMBER FORST PRODUCT	204	649.9	956.1	84588	1304	69	0	0	6691	7	93059	6048	6	99113
0700 RANGE	103	78.5	112.5	10299	1119	0	0	0	355	0	11773	364	3	12139
0800 WILDLIFE AND FISH	60	61.2	69.8	7489	991	0	0	0	622	7	9110	763	0	9873
0900 CITRUS SUB TROP FRUT	93	77.2	146.7	10284	597	70	0	0	0	33	10984	185	51	11219
1000 FRUIT NUTS DECIDUCUS	196	108.6	196.4	15608	2970	119	0	0	0	33	18730	118	39	18887
1100 POTATOES	70	33.3	56.8	4339	911	43	0	0	0	0	5293	74	37	5403
1200 VEGETABLES	330	123.6	235.6	16674	2903	855	0	0	0	66	20498	106	51	20655
1300 ORNAMENTALS TURF	74	29.8	102.7	5462	187	33	0	0	0	0	5682	72	17	5771
1400 CORN	207	104.9	148.0	12715	1336	126	0	0	0	0	14177	108	79	14364
1500 GRAIN SORGHUM	79	24.7	25.1	3020	90	3	0	0	0	0	3113	0	3	3116
1600 RICE	48	23.8	28.6	2545	250	17	0	0	0	0	2811	32	8	2852
1700 WHEAT	194	106.6	152.4	13217	1552	37	0	0	0	0	14806	78	99	14983
1800 OTHER SMALL GRAINS	98	37.0	52.0	4634	321	0	0	0	0	0	4955	17	31	5003
1900 PASTURE	42	9.7	17.1	1307	217	17	0	0	0	0	1541	11	5	1557
2000 FORAGE CROPS	215	105.4	130.7	14201	2265	33	0	0	0	0	16499	113	91	16702
2100 COTTON	179	176.4	382.1	24799	1824	138	0	0	0	0	26761	100	27	26888
2200 COTTONSEED	31	17.1	25.3	2005	89	39	0	0	0	0	2133	6	2	2141
2300 SOYBEANS	208	127.1	180.8	15497	2764	204	0	0	0	0	18466	406	65	18938
2400 PEANUTS	71	41.0	47.2	4515	119	138	0	0	0	0	4772	7	8	4787
2500 OTHER OILSEED CROPS	44	18.8	18.5	2065	186	36	0	0	0	0	2288	1	0	2288
2600 TOBACCO	44	34.9	77.5	4679	742	0	0	0	0	0	5421	1	5	5427
2700 SUGAR CROPS	88	55.4	115.5	7598	309	139	0	0	0	0	8047	51	133	8631
2800 MISC NEW CROPS	64	30.7	52.5	3901	823	190	0	0	0	0	4914	30	93	5037
2900 POULTRY	123	84.0	234.4	13348	1351	8	0	0	0	6	14713	101	0	14814
3000 BEEF CATTLE	308	187.7	386.1	30211	4538	212	0	0	0	79	35040	291	36	35367
3100 DAIRY CATTLE	222	119.5	334.5	22392	2462	160	0	0	0	0	25015	215	0	25230
3200 SWINE	171	88.7	316.9	19540	2002	184	0	0	0	6	21732	250	0	21982
3300 SHEEP AND WOOL	127	39.4	93.2	7095	963	181	0	0	0	24	8263	72	0	8336
3400 OTHER ANIMALS	49	13.9	46.8	2885	698	25	0	0	0	6	3614	5	0	3619
3500 BEES AND HONEY	32	27.6	52.4	3341	209	0	0	0	0	0	3551	0	5	3555
3600 FARM SUPP & FACILITS	9	12.0	3.0	1157	17	0	0	0	0	0	1174	0	0	1174
3700 CLOTHING & TEXTILES	6	2.7	3.4	256	28	0	0	0	0	0	284	50	0	334
3800 FOOD	102	80.8	97.1	11737	2128	932	0	0	0	24	14820	225	47	15091
3900 HOUSING & EQUIP	25	19.1	30.9	2446	209	0	0	0	32	0	2687	310	0	2997
4000 PEOPLE AS INDIVIDUALS	98	83.9	117.8	12583	3291	549	0	0	0	0	16423	710	17	17150
4100 FAMILY MEMBERS	26	20.4	6.3	1776	15	11707	0	0	0	0	13498	0	0	13498
4300 SOC POLIT ORGANIZ	19	25.0	0.0	2094	217	0	0	0	0	28	2339	25	0	2364
4400 AGRIC ECONOMY U S	41	67.8	0.0	8890	60	0	0	0	0	0	8950	0	23	8973
4500 AGRIC ECONOMY FORGN	90	107.9	0.0	8589	0	13	0	0	0	31	8633	0	35	8668
4600 FARM COOPERATIVES	12	22.7	6.1	1907	0	0	0	0	0	354	2261	0	0	2261
4800 MARKETING SYSTEMS	17	19.4	0.0	1628	15	0	0	0	0	0	1643	0	0	1643
6100 WEEDS	66	28.3	36.9	3843	308	88	0	0	0	0	4239	47	32	4318
6200 SEED RESEARCH	21	13.1	27.5	1909	208	37	0	0	0	0	2154	6	27	2188
6300 BIO CELL SYSTEMS	20	14.1	25.9	1864	268	70	0	0	0	0	2202	4	0	2206
6400 EXP DESIGN/STAT METHOD	2	4.5	0.0	618	20	0	0	0	0	48	686	0	0	686
6500 INVERTEBRATES	117	127.4	212.6	15592	1421	285	0	0	0	0	17299	404	3	17706
6600 MICROORGANISMS VIRUSES	127	31.7	58.3	4291	4037	1836	0	0	0	0	10164	75	18	10257
6700 PLANTS	373	239.5	365.4	31273	7506	2632	0	0	0	0	41412	892	155	42455
6800 ANIMALS(VERTEBRATES)	77	44.5	54.5	5967	840	0	0	0	0	0	6827	2	103	6932
6900 RESEARCH ON RSCH MGMT	3	0.0	0.0	0	707	0	0	0	0	0	707	0	0	707
7000 RSCH EQUIP & TECHNOLOG	21	8.1	10.4	1140	134	11	0	0	0	0	1284	153	3	1440
9900 UNCLASSIFIED	2	1.0	1.3	128	0	0	0	0	0	0	128	0	5	133
TOTAL		4139.2	6579.3	554991	61208	21610	0	0	8925	3924	650658	15976	1483	668117

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G SAES	CA CN GT	OTHER 015	SP FD 010	SP FD SEEV	FORST CIHER	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100														
101 APPRAIS OF SOIL RESOR	11	2.8	2.3	420	116	0	0	0	0	0	536	210	0	746
102 SOIL PLNT WTR MGTFI	174	111.1	176.6	15458	1213	90	0	0	84	0	16884	567	0	17452
103 MGMT OF SALINE SOILS	15	15.5	40.4	2588	427	0	0	0	0	0	3015	87	35	3136
104 ALTERN USE OF LAND	20	20.1	1.4	1591	229	38	0	0	0	171	2029	30	0	2058
105 CONSERV USE OF WATER	134	94.4	128.2	11863	826	78	0	0	2	496	13266	453	38	13757
106 DRAIN AND IRRIGATION	48	32.7	51.8	5221	349	28	0	0	0	0	5598	171	28	5797
107 WATERSHED PROT & MGMT	152	162.5	269.4	22092	780	11	0	0	585	204	23672	1578	2	25252
108 ECON LEG PROB OF WAT	5	33.0	4.4	398	0	88	0	0	10	2300	2796	0	0	2796
109 WEATHER ADAPT & MOD	20	7.4	8.7	1136	367	0	0	0	0	0	1503	6	0	1509
110 APPRAIS FORST & RANGS	17	56.1	111.5	10556	10	0	0	0	478	0	11044	388	0	11431
111 BIOL CULT MGMT FORSTS	54	164.6	185.4	18608	0	0	0	0	1264	0	19868	1967	0	21834
112 IMPROV RANGE RESOR	64	44.3	63.9	5550	651	0	0	0	213	0	6414	214	0	6628
113 REMOTE SENSING	15	13.4	23.7	1939	165	23	0	0	0	0	2127	153	0	2280
114 RSCH ON MGMT OF RSCH	3	0.0	0.0	0	707	0	0	0	0	0	707	0	0	707
SUBTOTAL		757.9	1375.7	97455	5840	357	0	0	2636	3171	109458	5824	102	115384
SERIES 200														
201 CNTRL FORST INSECTS	43	83.7	88.4	11473	112	69	0	0	1052	0	12705	460	0	13165
202 CONTROL FOREST DIS	25	58.3	66.1	7798	2	0	0	0	1367	0	9167	428	0	9596
203 FOREST FIRE PROTECT	17	61.7	60.3	7548	0	0	0	0	542	0	8090	637	0	8727
204 CNTR PESTS FRT & VEGS	139	74.8	161.2	10824	1181	181	0	0	0	0	12185	102	8	12295
205 CNTR DISE FRT & VEG	193	60.6	131.3	9477	2082	146	0	0	0	0	11705	126	29	11861
206 CNTR WEEDS FRT & VEG	60	11.8	19.1	1622	840	26	0	0	0	0	2488	0	0	2489
207 CNTR PESTS FLD CROPS	229	155.6	295.3	20821	2430	41	0	0	4	0	23256	52	28	23376
208 CNTR DIS FIELD CROPS	255	118.3	186.8	15483	2805	144	0	0	4	0	18435	75	49	18559
209 CNTR WEEDS FLD CROPS	137	69.1	94.1	9087	901	5	0	0	0	0	9993	43	20	10056
210 CONTR PESTS ANIMALS	50	56.9	83.1	6972	863	153	0	0	0	0	7988	78	0	8066
211 CONTR DIS ANIMALS	227	134.6	706.4	35266	7590	70	0	0	0	0	42926	296	36	43258
212 CNTR INTER PARASITES	40	30.0	95.4	5477	681	52	0	0	0	0	6211	140	0	6351
213 PROT ANMLS FROM TOXINS	38	26.2	47.5	3726	577	14	0	0	0	0	4317	11	0	4328
214 PROTECT FROM POLLUTION	37	27.0	37.6	3609	1145	1	0	0	69	0	4825	410	2	5237
SUBTOTAL		964.8	2220.3	149183	21209	904	0	0	3038	0	174333	2858	173	177364
SERIES 300														
301 GENET BREED FORST TRE	14	38.8	64.2	4133	0	0	0	0	198	0	4331	1216	0	5548
302 IMP FOREST ENG SYS	5	18.7	19.0	2149	0	0	0	0	236	0	2385	153	0	2538
303 ECON TIMBER PRODUCTN	6	15.2	9.1	1289	0	0	0	0	253	0	1542	66	0	1608
304 IMP BIO EFF FRT & VEGS	140	58.6	136.3	9426	2273	405	0	0	0	0	12104	140	116	12360
305 MECH PROD FRT & VEGS	33	10.4	17.6	1457	355	0	0	0	0	0	1813	23	3	1839
306 PROD MGMT SYS F & V	5	0.2	0.8	81	43	2	0	0	0	0	126	0	0	126
307 IMP BIO EFF FLD CRP	342	176.9	294.4	25610	4160	323	0	0	0	0	30093	330	331	30753
308 MECH PROD FIELD CROPS	52	35.4	54.8	4709	169	17	0	0	0	0	4895	4	3	4902
309 PROD MGMT SYS FLD CRP	29	7.7	11.4	996	284	0	0	0	0	0	1279	0	0	1279
310 ANIMAL REPRODUCTION	70	43.3	77.4	7685	1261	171	0	0	0	0	9117	46	0	9163
311 IMP BIO EFF ANML PR	139	91.8	220.8	17977	907	151	0	0	0	0	19035	68	0	19103
312 ENV STRESS IN ANML PR	20	8.5	10.4	1414	76	0	0	0	0	0	1490	0	0	1490
313 PROD MGMT SYS ANML PR	19	9.7	5.3	949	192	0	0	0	0	92	1233	36	0	1269
314 BEES OTH POLLNTNG INS	32	27.6	52.4	3341	209	0	0	0	0	0	3551	0	5	3555
315 IMP STRUC FARM SUPP	9	3.4	6.5	536	0	0	0	0	0	0	536	83	0	619
317 MECH/STRUCTS ANML PRD	6	2.8	4.2	456	53	0	0	0	0	0	509	0	103	613
318 NON COM BIO TECH/EINET	402	267.2	458.8	34355	9237	4705	0	0	0	0	48296	572	206	49074
SUBTOTAL		816.1	1510.2	116563	19219	5773	0	0	688	92	142335	2737	768	145839
SERIES 400														
401 NEW IMP FOREST PROD	28	99.8	254.0	14821	48	0	0	0	567	0	15437	195	0	15632
402 PROD F & V IMP ACCEPT	51	15.1	29.1	2247	506	2	0	0	0	0	2755	22	4	2781
403 NEW & IMP F & V PROD	34	48.3	51.1	4958	112	100	0	0	0	0	5170	33	5	5209
404 MKT QUAL FRTS & VEGS	87	61.8	95.2	7706	136	7	0	0	0	0	7848	99	16	7963
405 PROD FLD CROP IMP ACPT	122	77.0	121.2	9622	719	44	0	0	0	0	10385	19	74	10478
406 NEW IMP FOOD FLD CROP	48	83.1	101.9	8957	117	33	0	0	0	0	9108	46	54	9207
407 NEW IMP NON FOOD FC	60	85.6	120.0	9464	389	64	0	0	0	0	9917	4	0	9921
408 MKT QUAL FIELD CROPS	61	44.0	67.5	5077	115	15	0	0	0	0	5206	120	15	5341
409 PROD ANML PR IMP ACCP	15	12.3	19.1	1955	11	5	0	0	0	0	1972	33	0	2004
410 IMP MEAT MILK EGG PR	15	30.2	37.3	3538	16	4	0	0	0	0	3558	3	0	3562
411 IMP NON FOOD ANML PR	10	13.5	32.3	1968	161	115	0	0	0	0	2245	0	0	2245
412 MKT QUAL ANIMAL PROD	16	8.3	11.6	1034	68	0	0	0	0	0	1102	27	0	1129
SUBTOTAL		579.0	1103.7	71347	2399	389	0	0	567	0	74702	602	168	75472
SERIES 500														
501 IMP GRADES & STANDS	31	15.6	31.9	2125	127	30	0	0	0	0	2281	96	59	2436
502 MKTG TIMBER PRODUCTS	7	12.1	18.9	1282	0	0	0	0	94	7	1383	43	0	1426
503 MKTG EFF AGRI PROTS	34	28.4	18.0	2663	28	68	0	0	0	59	2817	11	0	2829
506 SPLY DEMAND AND PRIC	46	71.0	0.0	5466	127	0	0	0	0	142	5734	249	0	5983
507 COMP REL IN AGRIC	4	1.5	0.0	134	30	0	0	0	0	0	164	0	0	164
508 DOMESTIC MKT DEVELP	2	2.0	0.0	165	0	0	0	0	0	7	172	0	0	172
509 PERFORMANCE MKTG SYS	37	52.8	3.4	4620	45	0	0	0	0	128	4793	0	0	4793
510 GROUP ACT MKT POWER	4	7.6	3.8	666	15	0	0	0	0	167	848	0	0	848
511 IMP AGRIC STATISTICS	1	4.5	0.0	618	0	0	0	0	0	48	666	0	0	666
512 IMP GRADES FRST PROD	2	6.8	10.8	747	0	0	0	0	21	0	767	49	0	817
513 PRICE ANAL FRST PROD	3	5.0	9.9	603	0	0	0	0	110	0	713	38	0	751
SUBTOTAL		207.4	122.2	19087	373	97	0	0	225	558	20341	486	59	20886
SERIES 600														
601 FGN MKT DEVELP	90	109.9	1.0	8630	0	0	0	0	260	31	8921	66	35	9022
603 TECH AID DEV CNTY	13	0.8	0.4	143	17	395	0	0	0	0	555	0	0	555
604 PRD DVLPMT/MKTG FRGN	15	24.4	27.1	2507	0	0	0	0	42	0	2550	98	14	2662
SUBTOTAL		135.1	30.3	11280	17	395	0	0	302	31	12026	164	49	12239
SERIES 700														
701 TOX RES IN FOOD	68	34.0	53.0	4759	2437	167	0	0	0	0	7363	29	0	7392
702 FOOD PROT FROM TOX	93	97.7	162.9	11515	600	241	0	0	0	30	12385	146	14	12545
703 FOOD CONSUMP HABITS	7	5.7	0.0	582	34	0	0	0	0	14	630	126	0	757
704 HOME COMM FOOD SERV	1	0.2	0.3	21	0	0	0	0	0	0	21	0	0	21
705 SEL CARE CLOTH & TEXTL	5	1.8	2.8	176	28	0	0	0	0	0	203	50	0	254
706 CONTR INSECTS AFF MAN	31	24.6	47.5	3024	401	142	0	0	0	0	3567	164	15	3746
708 HUMAN NUTRITION	143	93.9	145.1	16750	4485	12920	0	0	0	0	34155	598	49	34801
709 REDUCE HAZ HLTH & SFTY	63	64.8	111.8	8468	1034	105	0	0	0	0	9607	154	17	9778
SUBTOTAL		322.8	523.4	45295	9017	13575	0	0	0	44	67931	1269	95	69295

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS S/S	STAFF-YEARS OTHER	FEG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 800														
801 RURAL HOUSING	6	13.1	9.1	1388	56	0	0	0	0	0	1443	92	0	1535
802 INDIV & FAM DEC MAKING	5	6.1	5.8	409	15	0	0	0	0	0	424	0	0	424
803 RURAL POVERTY	1	0.0	0.0	0	15	0	0	0	0	0	15	0	0	15
804 ECON POTENT RURL REG	5	10.1	0.0	1184	0	0	0	0	0	0	1184	0	0	1184
805 COMMUNICAT EDUC PROC	3	2.2	0.0	105	35	0	0	0	0	0	140	0	0	140
806 ADJUSTMENT TO CHANGE	6	13.9	0.0	1500	15	0	0	0	0	0	1515	0	0	1515
807 AGRIC ECONOMIC CHANGE	24	36.8	0.0	6506	60	0	0	0	0	0	6567	0	23	6590
808 GOV T PROGRAMS	5	10.0	0.0	851	0	0	0	0	0	0	851	0	0	851
SUBTOTAL		92.3	18.9	11943	196	0	0	0	0	0	12139	92	23	12253
SERIES 900														
901 ALLEV POLLUTION	95	97.1	132.4	10838	485	118	0	0	203	0	11644	765	19	12428
902 OUTDOOR RECREATION	11	21.3	12.4	2062	0	0	0	0	236	0	2318	172	0	2490
903 MULTI USE FOREST ECTEM	17	33.7	34.0	3969	1162	0	0	0	451	0	5581	369	0	5950
904 WLDLFE AND FISH ECOL	44	46.1	54.1	5837	920	0	0	0	571	0	7328	541	0	7869
905 TREES BEAUTIFICATION	19	13.5	73.9	3370	3	0	0	0	7	0	3380	3	6	3388
906 ORNAMENT & TURF DEV	64	28.3	83.4	4627	187	0	0	0	0	0	4814	72	17	4903
907 RURAL INCOME IMP	7	12.7	0.0	1176	69	0	0	0	0	0	1245	0	0	1245
908 RURAL INSTITUT IMP	12	10.1	0.0	813	113	0	0	0	0	28	954	25	0	979
990 UNCLASSIFIED	2	1.0	1.3	128	0	0	0	0	0	0	128	0	5	133
SUBTOTAL		263.8	465.5	32840	2938	118	0	0	1468	28	37393	1946	47	39386
SCIENCE IN SERV OF MAN														
GRAND TOTAL		4139.2	6579.3	554991	61208	21610	0	0	8925	3924	650658	15976	1483	668117

AGRICULTURAL COOPERATIVE SERVICE

TABLE III-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YEARS I.H. SYS	STAFF YEARS SUPPORT OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0600 TIMBER FORST PRODUCT	1	0.0	0.0	3	0	0	0	0	0	7	11	0	0	11
0800 WILDLIFE AND FISH	1	0.0	0.0	3	0	0	0	0	0	7	11	0	0	11
4600 FARM COOPERATIVES	10	21.2	6.1	1793	0	0	0	0	0	354	2147	0	0	2147
TOTAL		21.3	6.1	1800	0	0	0	0	0	368	2168	0	0	2168

AGRICULTURAL COOPERATIVE SERVICE

TABLE III-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YEARS I.H. SYS	STAFF YEARS SUPPORT OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 500														
502 MKTG TIMBER PRODUCTS	1	0.0	0.0	3	0	0	0	0	0	7	11	0	0	11
503 MKTG EFF AGRI PROIS	1	0.3	0.1	27	0	0	0	0	0	59	86	0	0	86
508 DOMESTIC MKT DEVELP	1	0.0	0.0	3	0	0	0	0	0	7	11	0	0	11
509 PERFORMANCE MKTG SYS	6	13.3	2.2	1100	0	0	0	0	0	128	1228	0	0	1228
510 GROUP ACT MKT POWER	3	7.6	3.8	666	0	0	0	0	0	167	833	0	0	833
SUBTOTAL		21.3	7.7	1800	0	0	0	0	0	368	2168	0	0	2168
SCIENCE IN SERV OF MAN														
GRAND TOTAL		21.3	6.1	1800	0	0	0	0	0	368	2168	0	0	2168

AGRICULTURAL RESEARCH SERVICE

TABLE III-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	251	142.8	220.2	19817	1033	97	0	0	0	0	20947	890	39	21875
0200 WATER	217	122.9	237.7	17381	880	263	0	0	0	0	18524	740	81	19345
0300 WATERSHEDS RIVER BAS	87	58.9	113.0	7809	323	14	0	0	0	0	8146	489	1	8637
0400 AIR AND CLIMATE	16	7.6	9.4	935	0	0	0	0	0	0	935	73	0	1007
0600 TIMBER FORST PRODUCT	29	16.3	56.1	3177	88	69	0	0	0	0	3335	7	6	3348
0700 RANGE	72	50.9	77.9	6607	226	0	0	0	0	0	6833	167	3	7003
0800 WILDLIFE AND FISH	16	9.0	8.2	888	113	0	0	0	0	0	1002	142	0	1144
0900 CITRUS SUB TROP FRUT	72	75.5	146.7	10130	189	70	0	0	0	0	10389	185	51	10625
1000 FRUIT NUTS DECIDUOUS	177	106.8	196.4	15486	775	119	0	0	0	0	16339	118	39	16496
1100 POTATOES	56	31.4	56.8	4235	324	43	0	0	0	0	4601	74	37	4712
1200 VEGETABLES	268	119.7	235.6	16352	977	520	0	0	0	0	17848	106	51	18006
1300 ORNAMENTALS TURF	70	29.8	102.7	5462	130	33	0	0	0	0	5625	72	17	5715
1400 CORN	179	101.2	148.0	12452	572	16	0	0	0	0	13040	83	79	13203
1500 GRAIN SORGHUM	68	21.8	25.1	2789	90	3	0	0	0	0	2881	0	3	2884
1600 RICE	34	19.8	28.6	2264	205	17	0	0	0	0	2486	7	8	2501
1700 WHEAT	169	102.8	152.4	12948	683	37	0	0	0	0	13668	53	99	13820
1800 OTHER SMALL GRAINS	88	34.7	52.0	4440	260	0	0	0	0	0	4700	17	31	4748
1900 PASTURE	34	9.6	17.1	1301	130	17	0	0	0	0	1448	11	5	1464
2000 FORAGE CROPS	200	104.8	130.7	14185	1173	33	0	0	0	0	15391	88	91	15570
2100 COTTON	164	172.0	382.1	24475	1004	138	0	0	0	0	25617	75	27	25719
2200 COTTONSEED	29	16.8	25.3	1984	89	39	0	0	0	0	2112	6	2	2120
2300 SOYBEANS	175	122.8	180.8	15178	559	44	0	0	0	0	15781	381	65	16228
2400 PEANUTS	64	39.3	47.2	4389	87	138	0	0	0	0	4614	7	8	4630
2500 OTHER OILSEED CROPS	40	18.0	18.5	2008	106	36	0	0	0	0	2151	1	0	2151
2600 TOBACCO	40	33.7	77.5	4589	718	0	0	0	0	0	5307	1	5	5313
2700 SUGAR CROPS	76	51.6	115.5	7571	234	139	0	0	0	0	7945	27	133	8104
2800 MISC NEW CROPS	54	30.7	52.5	3901	171	190	0	0	0	0	4262	30	93	4385
2900 POULTRY	103	80.8	234.4	12907	470	8	0	0	0	0	13385	101	0	13486
3000 BEEF CATTLE	258	179.5	386.1	29522	1513	212	0	0	0	0	31248	237	36	31522
3100 DAIRY CATTLE	179	105.0	334.5	21066	978	160	0	0	0	0	22205	190	0	22395
3200 SWINE	142	84.2	316.9	19111	704	184	0	0	0	0	19999	225	0	20224
3300 SHEEP AND WOOL	116	38.6	93.2	7041	671	181	0	0	0	0	7894	65	0	7959
3400 OTHER ANIMALS	40	13.9	46.8	2879	216	25	0	0	0	0	3120	5	0	3125
3500 BEES AND HONEY	32	27.6	52.4	3341	209	0	0	0	0	0	3551	0	5	3555
3600 FARM SUPP & FACILITS	2	1.4	3.0	242	0	0	0	0	0	0	242	0	0	242
3700 CLOTHING & TEXTILES	5	2.1	3.4	210	28	0	0	0	0	0	237	50	0	287
3800 FOOD	64	69.2	97.1	10867	346	252	0	0	0	0	11465	225	47	11737
3900 HOUSING & EQUIP	22	10.0	13.0	1338	181	0	0	0	0	0	1519	292	0	1811
4000 PEOPLE AS INDIVIDUALS	88	66.5	117.8	10833	3161	549	0	0	0	0	14544	710	17	15270
4100 FAMILY MEMBERS	18	8.2	6.3	355	0	11707	0	0	0	0	12062	0	0	12062
4300 SOC POLIT ORGANIZ	2	0.0	0.0	0	1	0	0	0	0	0	1	0	0	1
4500 AGRIC ECONOMY FORGN	1	0.0	0.0	0	0	13	0	0	0	0	13	0	0	13
4800 MARKETING SYSTEMS	1	0.4	0.0	83	0	0	0	0	0	0	83	0	0	83
6100 WEEDS	55	28.3	36.9	3843	60	88	0	0	0	0	3991	47	32	4069
6200 SEED RESEARCH	20	13.1	27.5	1909	194	37	0	0	0	0	2140	6	27	2173
6300 BIO CELL SYSTEMS	16	14.1	25.9	1864	53	0	0	0	0	0	1917	4	0	1922
6500 INVERTEBRATES	102	127.4	212.6	15592	928	42	0	0	0	0	16562	404	3	16969
6600 MICROORGANISMS VIRUSES	53	31.7	58.3	4251	357	309	0	0	0	0	4957	75	18	5051
6700 PLANTS	231	226.2	365.4	29560	1325	206	0	0	0	0	31090	892	155	32137
6800 ANIMALS(VERTEBRATES)	45	41.4	54.5	5574	447	0	0	0	0	0	6021	2	103	6127
6900 RESEARCH ON RSCH MGMT	1	0.0	0.0	0	652	0	0	0	0	0	652	0	0	652
7000 RSCH EQUIP & TECHNOLOG	20	8.1	10.4	1140	127	11	0	0	0	0	1278	153	3	1433
9900 UNCLASSIFIED	2	1.0	1.3	128	0	0	0	0	0	0	128	0	5	133
TOTAL		2830.4	5411.7	406409	23764	16058	0	0	0	0	446231	7536	1425	455192

TABLE III-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS S/S	STAFF-YEARS OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100														
101 APPRAIS OF SOIL RESOR	8	2.8	2.3	420	33	0	0	0	0	0	454	210	0	664
102 SOIL PLNT WTR NUTRI	162	104.8	171.1	14900	775	90	0	0	0	0	15765	541	0	16305
103 MGMT OF SALINE SOILS	12	15.5	40.4	2588	231	0	0	0	0	0	2819	87	35	2941
104 ALTERN USE OF LAND	5	0.5	1.4	87	3	38	0	0	0	0	127	5	0	132
105 CONSERV USE OF WATER	118	66.8	126.3	9767	661	78	0	0	0	0	10506	402	38	10946
106 DRAIN AND IRRIGATION	45	32.7	51.8	5221	213	28	0	0	0	0	5461	171	28	5660
107 WATERSHED PROT & MGMT	120	92.0	173.3	13198	425	11	0	0	0	0	13635	737	2	14374
108 ECON LEG PROB OF NAT	1	0.0	0.0	0	0	88	0	0	0	0	88	0	0	88
109 WEATHER ADAPT & MOD	16	7.4	8.7	1136	14	0	0	0	0	0	1151	6	0	1157
110 APPRAIS FORST & RANGS	2	0.1	0.1	64	0	0	0	0	0	0	64	0	0	64
111 BIOL CULT MGMT FORSTS	2	0.3	0.3	68	0	0	0	0	0	0	68	0	0	68
112 IMPROV RANGE RESOR	48	30.2	46.5	3648	150	0	0	0	0	0	3798	151	0	3949
113 REMOTE SENSING	13	13.4	23.7	1939	50	23	0	0	0	0	2012	153	0	2165
114 RSCH ON MGMT OF RSCH	1	0.0	0.0	0	652	0	0	0	0	0	652	0	0	652
SUBTOTAL		366.5	645.9	53035	3208	357	0	0	0	0	56599	2463	102	59165
SERIES 200														
201 CNTRL FORST INSECTS	14	4.7	3.5	644	110	69	0	0	0	0	823	5	0	829
204 CNTR PESTS FRT & VEGS	117	71.7	161.2	10411	484	151	0	0	0	0	11046	102	8	11155
205 CNTR DISE FRT & VEG	152	59.1	131.3	9271	639	64	0	0	0	0	9974	126	29	10129
206 CNTR WEEDS FRT & VEG	41	10.2	19.1	1416	256	26	0	0	0	0	1698	0	0	1699
207 CNTR PESTS FLD CROPS	203	152.0	294.5	20343	876	41	0	0	0	0	21261	50	28	21339
208 CNTR DIS FIELD CROPS	216	116.2	186.0	15212	683	144	0	0	0	0	16039	72	49	16161
209 CNTR WEEDS FLD CROPS	115	67.6	94.1	8881	280	5	0	0	0	0	9166	43	20	9228
210 CONTR PESTS ANIMALS	39	55.3	83.1	6765	420	153	0	0	0	0	7339	78	0	7417
211 CONTR DIS ANIMALS	155	133.0	706.4	35060	2210	70	0	0	0	0	37340	296	36	37671
212 CNTR INTER PARASITES	34	30.0	95.4	5477	298	52	0	0	0	0	5827	140	0	5967
213 PROT ANMLS FROM TCHINS	35	26.2	47.5	3726	379	14	0	0	0	0	4119	11	0	4130
214 PROTECT FROM POLLUTION	24	18.6	25.8	2491	17	1	0	0	0	0	2509	373	2	2883
SUBTOTAL		744.6	1848.1	119656	6653	793	0	0	0	0	127142	1295	173	128610
SERIES 300														
304 IMP BIO EFF FRT & VEGS	109	58.6	136.3	9426	631	35	0	0	0	0	10092	140	116	10348
305 MECH PROD FRT & VEGS	31	10.4	17.6	1457	334	0	0	0	0	0	1791	23	3	1818
306 PROD MGMT SYS F & V	3	0.2	0.8	81	0	2	0	0	0	0	83	0	0	83
307 IMP BIO EFF FLD CRP	305	176.9	294.4	25610	2029	53	0	0	0	0	27692	330	331	28353
308 MECH PROD FIELD CROPS	51	35.4	54.8	4709	129	17	0	0	0	0	4855	4	3	4861
309 PROD MGMT SYS FLD CRP	21	7.7	11.4	996	76	0	0	0	0	0	1072	0	0	1072
310 ANIMAL REPRODUCTION	60	43.3	77.4	7685	310	171	0	0	0	0	8166	46	0	8212
311 IMP BIO EFF ANML PR	133	91.8	220.8	17977	670	151	0	0	0	0	18797	68	0	18865
312 ENV STRESS IN ANML PR	20	8.5	10.4	1414	76	0	0	0	0	0	1490	0	0	1490
313 PROD MGMT SYS ANML PR	14	3.6	5.3	544	124	0	0	0	0	0	668	0	0	668
314 BEES OTH POLLNTNG INS	32	27.6	52.4	3341	209	0	0	0	0	0	3551	0	5	3555
315 IMP STRUC FARM SUPP	9	3.4	6.5	536	0	0	0	0	0	0	536	83	0	619
317 MECH/STRUCTS ANML PRD	6	2.8	4.2	456	53	0	0	0	0	0	509	0	103	613
318 NCM COM BIC TECH/EINST	240	267.2	458.8	34355	2166	477	0	0	0	0	36998	572	206	37776
SUBTOTAL		737.4	1350.9	108587	6808	905	0	0	0	0	116300	1265	768	118333
SERIES 400														
402 PROD F & V IMP ACCEPT	43	15.1	29.1	2247	19	2	0	0	0	0	2268	22	4	2294
403 NEW & IMP F & V PROD	32	48.3	51.1	4958	45	100	0	0	0	0	5103	33	5	5142
404 MKT QUAL FRTS & VEGS	86	61.8	95.2	7706	90	7	0	0	0	0	7803	99	16	7918
405 PROD FLD CROP IMP ACPT	121	77.0	121.2	9622	676	44	0	0	0	0	10342	19	74	10435
406 NEW IMP FOOD FLD CROP	48	83.1	101.9	8957	117	33	0	0	0	0	9108	46	54	9207
407 NEW IMP NON FOOD PC	58	85.6	120.0	9464	276	64	0	0	0	0	9804	4	0	9808
408 MKT QUAL FIELD CROPS	61	44.0	67.5	5077	115	15	0	0	0	0	5206	120	15	5341
409 PROD ANML PR IMP ACCP	15	12.3	19.1	1955	11	5	0	0	0	0	1972	33	0	2004
410 IMP HEAT MILK EGG PR	15	30.2	37.3	3538	16	4	0	0	0	0	3558	3	0	3562
411 IMP NON FOOD ANML PR	10	13.5	32.3	1968	161	115	0	0	0	0	2245	0	0	2245
412 MKT QUAL ANIMAL PROD	16	8.3	11.6	1034	68	0	0	0	0	0	1102	27	0	1129
SUBTOTAL		479.2	686.5	56526	1595	389	0	0	0	0	58510	406	168	59084
SERIES 500														
501 IMP GRADES & STANDS	30	15.5	31.9	2096	127	30	0	0	0	0	2252	96	59	2407
503 MKTG EFF AGRI PRODS	26	15.0	17.9	1544	28	68	0	0	0	0	1640	11	0	1651
509 PERFORMANCE MKTG SYS	1	0.5	1.2	80	0	0	0	0	0	0	80	0	0	80
SUBTOTAL		31.1	51.0	3720	155	97	0	0	0	0	3973	107	59	4139
SERIES 600														
603 TECH AID DEV CNTY	11	0.8	0.4	143	0	395	0	0	0	0	538	0	0	538
604 PRD DVLPMT/MKTG PRGM	14	20.4	23.4	2164	0	0	0	0	0	0	2164	58	14	2276
SUBTOTAL		21.1	23.8	2307	0	395	0	0	0	0	2702	58	14	2814
SERIES 700														
701 TOX RES IN FOOD	27	38.0	53.0	4759	95	167	0	0	0	0	5021	29	0	5050
702 FOOD PROT FROM TOX	91	97.4	162.9	11486	228	241	0	0	0	0	11955	146	14	12114
703 FOOD CONSUMP HABITS	2	0.0	0.0	0	34	0	0	0	0	0	34	128	0	161
704 HOME ECON FOOD SERV	1	0.2	0.3	21	0	0	0	0	0	0	21	0	0	21
705 SEL CARE CLOTH & TEXTL	5	1.8	2.8	176	28	0	0	0	0	0	203	50	0	254
706 CONTR INSECTS AFF MAN	29	24.6	47.5	3024	288	142	0	0	0	0	3454	164	15	3633
708 HUMAN NUTRITION	120	93.9	145.1	16750	3120	12347	0	0	0	0	32217	598	49	32864
709 REDUCE HAZ HLTH & SFTY	62	64.8	111.8	8468	1025	105	0	0	0	0	9598	154	17	9770
SUBTOTAL		316.8	523.4	44684	4817	13002	0	0	0	0	62503	1269	95	63867
SERIES 800														
801 RURAL HOUSING	3	4.1	4.1	504	56	0	0	0	0	0	560	78	0	638
802 INDIV & FAM DEC MAKING	4	6.1	5.8	409	0	0	0	0	0	0	409	0	0	409
SUBTOTAL		10.2	9.9	914	56	0	0	0	0	0	969	78	0	1047
SERIES 900														
901 ALLEV POLLUTION	77	79.4	109.7	8617	283	118	0	0	0	0	9019	369	19	9407
904 WLDLFE AND FISH ECOL	11	2.3	5.9	375	55	0	0	0	0	0	430	111	0	541
905 TREES BEAUTIFICATION	18	12.5	71.9	3194	3	0	0	0	0	0	3196	3	6	3205
906 ORNAMENT & TURF DEV	60	28.3	83.4	4627	130	0	0	0	0	0	4757	72	17	4846
907 RURAL INCOME IMP	2	0.0	0.0	0	1	0	0	0	0	0	1	0	0	1
990 UNCLASSIFIED	2	1.0	1.3	128	0	0	0	0	0	0	128	0	5	133
SUBTOTAL		123.5	272.1	16940	473	118	0	0	0	0	17532	555	47	18133
SCIENCE IN SERV OF MAN														
GRAND TOTAL		2830.4	5411.7	406409	23764	16058	0	0	0	0	446231	7536	1425	455192

COOPERATIVE STATE RESEARCH SERVICE

TABLE III-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	20	0.0	0.0	0	1088	0	0	0	0	0	1088	0	0	1088
0200 WATER	8	0.0	0.0	0	213	0	0	0	0	0	213	0	0	213
0300 WATERSHEDS RIVER BAS	2	0.0	0.0	0	44	0	0	0	0	0	44	0	0	44
0400 AIR AND CLIMATE	3	0.0	0.0	0	86	0	0	0	0	0	86	0	0	86
0600 TIMBER FORST PRODUCT	4	0.0	0.0	0	1217	0	0	0	0	0	1217	0	0	1217
0700 RANGE	11	0.0	0.0	0	893	0	0	0	0	0	893	0	0	893
0800 WILDLIFE AND FISH	13	0.0	0.0	0	878	0	0	0	0	0	878	0	0	878
0900 CITRUS SUB TROP FRUT	15	0.0	0.0	0	408	0	0	0	0	0	408	0	0	408
1000 FRUIT NUTS DECIDUOUS	10	0.0	0.0	0	2005	0	0	0	0	0	2005	0	0	2005
1100 POTATOES	10	0.0	0.0	0	352	0	0	0	0	0	352	0	0	352
1200 VEGETABLES	45	0.0	0.0	0	1599	0	0	0	0	0	1599	0	0	1599
1300 ORNAMENTALS TURF	4	0.0	0.0	0	57	0	0	0	0	0	57	0	0	57
1400 CORN	9	0.0	0.0	0	254	0	0	0	0	0	254	0	0	254
1600 RICE	4	0.0	0.0	0	45	0	0	0	0	0	45	0	0	45
1700 WHEAT	12	0.0	0.0	0	689	0	0	0	0	0	689	0	0	689
1800 OTHER SMALL GRAINS	1	0.0	0.0	0	1	0	0	0	0	0	1	0	0	1
1900 PASTURE	7	0.0	0.0	0	87	0	0	0	0	0	87	0	0	87
2000 FORAGE CROPS	11	0.0	0.0	0	917	0	0	0	0	0	917	0	0	917
2100 COTTON	3	0.0	0.0	0	642	0	0	0	0	0	642	0	0	642
2300 SOYBEANS	13	0.0	0.0	0	1750	0	0	0	0	0	1750	0	0	1750
2400 PEANUTS	1	0.0	0.0	0	7	0	0	0	0	0	7	0	0	7
2500 OTHER OILSEED CROPS	2	0.0	0.0	0	80	0	0	0	0	0	80	0	0	80
2600 TOBACCO	1	0.0	0.0	0	24	0	0	0	0	0	24	0	0	24
2700 SUGAR CROPS	5	0.0	0.0	0	75	0	0	0	0	0	75	0	0	75
2800 MISC NEW CROPS	10	0.0	0.0	0	652	0	0	0	0	0	652	0	0	652
2900 POULTRY	12	0.0	0.0	0	881	0	0	0	0	0	881	0	0	881
3000 BEEF CATTLE	37	0.0	0.0	0	3024	0	0	0	0	0	3024	0	0	3024
3100 DAIRY CATTLE	29	0.0	0.0	0	1484	0	0	0	0	0	1484	0	0	1484
3200 SWINE	19	0.0	0.0	0	1298	0	0	0	0	0	1298	0	0	1298
3300 SHEEP AND WOOL	8	0.0	0.0	0	291	0	0	0	0	0	291	0	0	291
3400 OTHER ANIMALS	8	0.0	0.0	0	482	0	0	0	0	0	482	0	0	482
3600 FARM SUPP & FACILITS	2	0.0	0.0	0	17	0	0	0	0	0	17	0	0	17
3800 FOOD	5	0.0	0.0	0	335	0	0	0	0	0	335	0	0	335
3900 HOUSING & EQUIP	1	0.0	0.0	0	28	0	0	0	0	0	28	0	0	28
4000 PEOPLE AS INDIVIDUALS	3	0.0	0.0	0	129	0	0	0	0	0	129	0	0	129
4100 FAMILY MEMBERS	1	0.0	0.0	0	15	0	0	0	0	0	15	0	0	15
4300 SOC POLIT ORGANIZ	4	0.0	0.0	0	215	0	0	0	0	0	215	0	0	215
4400 AGRIC ECONOMY U S	1	0.0	0.0	0	60	0	0	0	0	0	60	0	0	60
4800 MARKETING SYSTEMS	1	0.0	0.0	0	15	0	0	0	0	0	15	0	0	15
6100 WEEDS	9	0.0	0.0	0	129	0	0	0	0	0	129	0	0	129
6200 SEED RESEARCH	1	0.0	0.0	0	15	0	0	0	0	0	15	0	0	15
6300 BIO CELL SYSTEMS	2	0.0	0.0	0	112	0	0	0	0	0	112	0	0	112
6400 EXP DESIGN/STAT METHOD	1	0.0	0.0	0	20	0	0	0	0	0	20	0	0	20
6500 INVERTEBRATES	4	0.0	0.0	0	31	0	0	0	0	0	31	0	0	31
6600 MICROORGANISMS VIRUSES	11	0.0	0.0	0	703	0	0	0	0	0	703	0	0	703
6700 PLANTS	52	0.0	0.0	0	2988	0	0	0	0	0	2988	0	0	2988
6800 ANIMALS(VERTEBRATES)	26	0.0	0.0	0	393	0	0	0	0	0	393	0	0	393
6900 RESEARCH ON FSCH MGMT	2	0.0	0.0	0	55	0	0	0	0	0	55	0	0	55
7000 RSCH EQUIP & TECHNOLOG	1	0.0	0.0	0	7	0	0	0	0	0	7	0	0	7
TOTAL		0.0	0.0	0	26791	0	0	0	0	0	26791	0	0	26791

COOPERATIVE STATE RESEARCH SERVICE

TABLE III-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100														
101 APPRAIS OF SOIL RESOR	3	0.0	0.0	0	83	0	0	0	0	0	83	0	0	83
102 SOIL PLNT WTR NUTRI	8	0.0	0.0	0	425	0	0	0	0	0	425	0	0	425
103 MGMT OF SALINE SOILS	3	0.0	0.0	0	196	0	0	0	0	0	196	0	0	196
104 ALTERN USE OF LAND	3	0.0	0.0	0	226	0	0	0	0	0	226	0	0	226
105 CONSERV USE OF WATER	5	0.0	0.0	0	148	0	0	0	0	0	148	0	0	148
106 DRAIN AND IRRIGATION	3	0.0	0.0	0	136	0	0	0	0	0	136	0	0	136
107 WATERSHED PROT & MGMT	5	0.0	0.0	0	355	0	0	0	0	0	355	0	0	355
109 WEATHER ADAPT & MOD	4	0.0	0.0	0	352	0	0	0	0	0	352	0	0	352
110 APPRAIS FORST & RANGS	1	0.0	0.0	0	10	0	0	0	0	0	10	0	0	10
112 IMPROV RANGE RESOR	9	0.0	0.0	0	501	0	0	0	0	0	501	0	0	501
113 REMOTE SENSING	2	0.0	0.0	0	115	0	0	0	0	0	115	0	0	115
114 RSCH ON MGMT OF RSCH	2	0.0	0.0	0	55	0	0	0	0	0	55	0	0	55
SUBTOTAL		0.0	0.0	0	2602	0	0	0	0	0	2602	0	0	2602
SERIES 200														
201 CNTRL FORST INSECTS	1	0.0	0.0	0	2	0	0	0	0	0	2	0	0	2
202 CONTROL FOREST DIS	1	0.0	0.0	0	2	0	0	0	0	0	2	0	0	2
204 CNTR PESTS FRT & VEGS	12	0.0	0.0	0	501	0	0	0	0	0	501	0	0	501
205 CNTR DISE FRT & VEG	28	0.0	0.0	0	1011	0	0	0	0	0	1011	0	0	1011
206 CNTR WEEDS FRT & VEG	12	0.0	0.0	0	524	0	0	0	0	0	524	0	0	524
207 CNTR PESTS FLD CROPS	16	0.0	0.0	0	1440	0	0	0	0	0	1440	0	0	1440
208 CNTR DIS FIELD CROPS	28	0.0	0.0	0	1863	0	0	0	0	0	1863	0	0	1863
209 CNTR WEEDS FLD CROPS	16	0.0	0.0	0	621	0	0	0	0	0	621	0	0	621
210 CONTR PESTS ANIMALS	5	0.0	0.0	0	443	0	0	0	0	0	443	0	0	443
211 CONTR DIS ANIMALS	66	0.0	0.0	0	5380	0	0	0	0	0	5380	0	0	5380
212 CNTR INTER PARASITES	6	0.0	0.0	0	383	0	0	0	0	0	383	0	0	383
213 PROT ANMLS FROM TOXINS	3	0.0	0.0	0	198	0	0	0	0	0	198	0	0	198
214 PROTECT FROM POLLUTION	9	0.0	0.0	0	1129	0	0	0	0	0	1129	0	0	1129
SUBTOTAL		0.0	0.0	0	13497	0	0	0	0	0	13497	0	0	13497
SERIES 300														
304 IMP BIO EFF FRT & VEGS	24	0.0	0.0	0	1357	0	0	0	0	0	1357	0	0	1357
305 MECH PROD FRT & VEGS	2	0.0	0.0	0	21	0	0	0	0	0	21	0	0	21
306 PROD MGMT SYS F & V	2	0.0	0.0	0	43	0	0	0	0	0	43	0	0	43
307 IMP BIO EFF FLD CRP	18	0.0	0.0	0	716	0	0	0	0	0	716	0	0	716
308 MECH PROD FIELD CROPS	1	0.0	0.0	0	40	0	0	0	0	0	40	0	0	40
309 PROD MGMT SYS FLD CRP	8	0.0	0.0	0	207	0	0	0	0	0	207	0	0	207
310 ANIMAL REPRODUCTION	10	0.0	0.0	0	951	0	0	0	0	0	951	0	0	951
311 IMP BIO EFF ANML PR	6	0.0	0.0	0	237	0	0	0	0	0	237	0	0	237
313 PROD MGMT SYS ANML PR	1	0.0	0.0	0	68	0	0	0	0	0	68	0	0	68
318 NCM COM BIO TECH/EIMET	13	0.0	0.0	0	569	0	0	0	0	0	569	0	0	569
SUBTOTAL		0.0	0.0	0	4211	0	0	0	0	0	4211	0	0	4211
SERIES 400														
401 NEW IMP FOREST PROD	1	0.0	0.0	0	48	0	0	0	0	0	48	0	0	48
402 PROD F & V IMP ACCEPT	8	0.0	0.0	0	487	0	0	0	0	0	487	0	0	487
403 NEW & IMP F & V PROD	2	0.0	0.0	0	67	0	0	0	0	0	67	0	0	67
404 MKT QUAL FRTS & VEGS	1	0.0	0.0	0	45	0	0	0	0	0	45	0	0	45
405 PROD FLD CROP IMP ACPT	1	0.0	0.0	0	43	0	0	0	0	0	43	0	0	43
407 NEW IMP NON FOOD FC	2	0.0	0.0	0	113	0	0	0	0	0	113	0	0	113
SUBTOTAL		0.0	0.0	0	804	0	0	0	0	0	804	0	0	804
SERIES 500														
506 SPLY DEMAND AND PRIC	2	0.0	0.0	0	127	0	0	0	0	0	127	0	0	127
507 COMP REL IN AGRIC	1	0.0	0.0	0	30	0	0	0	0	0	30	0	0	30
509 PERFORMANCE MKTG SYS	1	0.0	0.0	0	45	0	0	0	0	0	45	0	0	45
510 GROUP ACT MKT POWER	1	0.0	0.0	0	15	0	0	0	0	0	15	0	0	15
SUBTOTAL		0.0	0.0	0	218	0	0	0	0	0	218	0	0	218
SERIES 600														
603 TECH AID DEV CRTY	2	0.0	0.0	0	17	0	0	0	0	0	17	0	0	17
SUBTOTAL		0.0	0.0	0	17	0	0	0	0	0	17	0	0	17
SERIES 700														
701 TOX RES IN FOOD	41	0.0	0.0	0	2342	0	0	0	0	0	2342	0	0	2342
702 FOOD PROT FROM TOX	1	0.0	0.0	0	372	0	0	0	0	0	372	0	0	372
706 CONTR INSECTS AFF MAN	2	0.0	0.0	0	113	0	0	0	0	0	113	0	0	113
708 HUMAN NUTRITION	1	0.0	0.0	0	2	0	0	0	0	0	2	0	0	2
709 REDUCE HAZ HLTH & SFTY	1	0.0	0.0	0	8	0	0	0	0	0	8	0	0	8
SUBTOTAL		0.0	0.0	0	2837	0	0	0	0	0	2837	0	0	2837
SERIES 800														
802 INDIV & FAM DEC MAKING	1	0.0	0.0	0	15	0	0	0	0	0	15	0	0	15
803 RURAL POVERTY	1	0.0	0.0	0	15	0	0	0	0	0	15	0	0	15
805 COMMUNICAT EDUC PROC	1	0.0	0.0	0	35	0	0	0	0	0	35	0	0	35
806 ADJUSTMENT TO CHANGE	1	0.0	0.0	0	15	0	0	0	0	0	15	0	0	15
807 AGRIC ECONOMIC CHANGE	1	0.0	0.0	0	60	0	0	0	0	0	60	0	0	60
SUBTOTAL		0.0	0.0	0	140	0	0	0	0	0	140	0	0	140
SERIES 900														
901 ALLEV POLLUTION	7	0.0	0.0	0	202	0	0	0	0	0	202	0	0	202
903 MULTI USE FOREST ECTEM	1	0.0	0.0	0	1162	0	0	0	0	0	1162	0	0	1162
904 WILDLFE AND FISH ECOL	12	0.0	0.0	0	864	0	0	0	0	0	864	0	0	864
906 ORNAMENT & TURF DEV	4	0.0	0.0	0	57	0	0	0	0	0	57	0	0	57
907 RURAL INCOME IMP	2	0.0	0.0	0	68	0	0	0	0	0	68	0	0	68
908 RURAL INSTITUT IMP	3	0.0	0.0	0	113	0	0	0	0	0	113	0	0	113
SUBTOTAL		0.0	0.0	0	2465	0	0	0	0	0	2465	0	0	2465
SCIENCE IN SERV OF MAN														
GRAND TOTAL		0.0	0.0	0	26791	0	0	0	0	0	26791	0	0	26791

COMPETITIVE RESEARCH GRANT OFFICE

TABLE III-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YEARS I.H. SYS	STAFF YEARS SUPPORT OTHER	PEG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0200 WATER	1	0.0	0.0	0	17	0	0	0	0	0	17	0	0	17
1000 FRUIT NUTS DECIDUOUS	3	0.0	0.0	0	190	0	0	0	0	0	190	0	0	190
1100 POTATOES	3	0.0	0.0	0	235	0	0	0	0	0	235	0	0	235
1200 VEGETABLES	8	0.0	0.0	0	327	335	0	0	0	0	662	0	0	662
1400 CORN	7	0.0	0.0	0	509	110	0	0	0	0	619	0	0	619
1700 WHEAT	2	0.0	0.0	0	180	0	0	0	0	0	180	0	0	180
1800 OTHER SMALL GRAINS	1	0.0	0.0	0	60	0	0	0	0	0	60	0	0	60
2000 FORAGE CROPS	2	0.0	0.0	0	175	0	0	0	0	0	175	0	0	175
2100 COTTON	3	0.0	0.0	0	178	0	0	0	0	0	178	0	0	178
2300 SOYBEANS	7	0.0	0.0	0	455	160	0	0	0	0	615	0	0	615
2400 PEANUTS	1	0.0	0.0	0	25	0	0	0	0	0	25	0	0	25
3800 FOOD	24	0.0	0.0	0	1447	680	0	0	0	0	2127	0	0	2127
6100 WEEDS	2	0.0	0.0	0	120	0	0	0	0	0	120	0	0	120
6300 BIO CELL SYSTEMS	2	0.0	0.0	0	102	70	0	0	0	0	172	0	0	172
6500 INVERTEBRATES	11	0.0	0.0	0	462	244	0	0	0	0	706	0	0	706
6600 MICROORGANISMS VIRUSES	63	0.0	0.0	0	2977	1527	0	0	0	0	4504	0	0	4504
6700 PLANTS	83	0.0	0.0	0	3193	2427	0	0	0	0	5620	0	0	5620
TOTAL		0.0	0.0	0	10652	5552	0	0	0	0	16205	0	0	16205

COMPETITIVE RESEARCH GRANT OFFICE

TABLE III-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YEARS I.H. SYS	STAFF YEARS SUPPORT OTHER	PEG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100														
102 SOIL PLNT WTR NUTRI	1	0.0	0.0	0	13	0	0	0	0	0	13	0	0	13
105 CONSERV USE OF WATER	1	0.0	0.0	0	17	0	0	0	0	0	17	0	0	17
SUBTOTAL		0.0	0.0	0	30	0	0	0	0	0	30	0	0	30
SERIES 200														
204 CNTR PESTS FRT & VEGS	4	0.0	0.0	0	195	30	0	0	0	0	225	0	0	225
205 CNTR DISE FRT & VEG	7	0.0	0.0	0	432	82	0	0	0	0	514	0	0	514
206 CNTR WEEDS FRT & VEG	1	0.0	0.0	0	60	0	0	0	0	0	60	0	0	60
207 CNTR PESTS FLD CROPS	3	0.0	0.0	0	114	0	0	0	0	0	114	0	0	114
208 CNTR DIS FIELD CROPS	4	0.0	0.0	0	259	0	0	0	0	0	259	0	0	259
SUBTOTAL		0.0	0.0	0	1059	112	0	0	0	0	1170	0	0	1170
SERIES 300														
304 IMP BIO EFF FRT & VEGS	7	0.0	0.0	0	285	370	0	0	0	0	655	0	0	655
307 IMP BIC EFF FLD CRP	19	0.0	0.0	0	1414	270	0	0	0	0	1684	0	0	1684
318 NON COM BIO TECH/EIMET	149	0.0	0.0	0	6502	4228	0	0	0	0	10729	0	0	10729
SUBTOTAL		0.0	0.0	0	8201	4868	0	0	0	0	13068	0	0	13068
SERIES 700														
708 HUMAN NUTRITION	22	0.0	0.0	0	1363	573	0	0	0	0	1936	0	0	1936
SUBTOTAL		0.0	0.0	0	1363	573	0	0	0	0	1936	0	0	1936
SCIENCE IN SERV OF MAN														
GRAND TOTAL		0.0	0.0	0	10652	5552	0	0	0	0	16205	0	0	16205

ECONOMIC RESEARCH SERVICE

TABLE III-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YEARS I.H. SYS	STAFF YEARS SUPPORT OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	13	19.9	0.0	1475	0	0	0	0	0	231	1706	25	0	1731
0200 WATER	14	30.5	0.0	2104	0	0	0	0	0	605	2709	25	0	2734
0300 WATERSHEDS RIVER BAS	2	30.2	0.0	94	0	0	0	0	0	2335	2429	0	0	2429
0400 AIR AND CLIMATE	1	0.1	0.0	0	0	0	0	0	0	0	0	12	0	12
0500 RECREATION RESOURCES	1	0.1	0.0	0	0	0	0	0	0	0	0	12	0	12
0700 RANGE	1	0.2	0.0	0	0	0	0	0	0	0	0	25	0	25
0800 WILDLIFE AND FISH	1	0.0	0.0	4	0	0	0	0	0	0	4	0	0	4
0900 CITRUS SUB TROP FRUT	6	1.8	0.0	154	0	0	0	0	0	33	187	0	0	187
1000 FRUIT NUTS DECIDUOUS	6	1.8	0.0	162	0	0	0	0	0	33	195	0	0	195
1100 POTATOES	1	1.9	0.0	104	0	0	0	0	0	0	104	0	0	104
1200 VEGETABLES	9	3.9	0.0	323	0	0	0	0	0	66	389	0	0	389
1400 CORN	12	3.7	0.0	263	0	0	0	0	0	0	263	25	0	288
1500 GRAIN SORGHUM	11	3.0	0.0	232	0	0	0	0	0	0	232	0	0	232
1600 RICE	10	4.0	0.0	281	0	0	0	0	0	0	281	25	0	306
1700 WHEAT	11	3.8	0.0	269	0	0	0	0	0	0	269	25	0	294
1800 OTHER SMALL GRAINS	8	2.3	0.0	194	0	0	0	0	0	0	194	0	0	194
1900 PASTURE	1	0.1	0.0	6	0	0	0	0	0	0	6	0	0	6
2000 FORAGE CROPS	2	0.6	0.0	16	0	0	0	0	0	0	16	25	0	40
2100 COTTON	9	4.5	0.0	324	0	0	0	0	0	0	324	25	0	349
2200 COTTONSEED	2	0.3	0.0	21	0	0	0	0	0	0	21	0	0	21
2300 SOYBEANS	13	4.3	0.0	320	0	0	0	0	0	0	320	25	0	344
2400 PEANUTS	5	1.7	0.0	126	0	0	0	0	0	0	126	0	0	126
2500 OTHER OILSEED CROPS	2	0.8	0.0	57	0	0	0	0	0	0	57	0	0	57
2600 TOBACCO	3	1.2	0.0	90	0	0	0	0	0	0	90	0	0	90
2700 SUGAR CROPS	7	3.8	0.0	426	0	0	0	0	0	0	426	25	0	451
2900 POULTRY	8	3.2	0.0	441	0	0	0	0	0	6	447	0	0	447
3000 BEEF CATTLE	13	8.2	0.0	688	0	0	0	0	0	79	767	54	0	821
3100 DAIRY CATTLE	14	14.5	0.0	1326	0	0	0	0	0	0	1326	25	0	1351
3200 SWINE	10	4.5	0.0	429	0	0	0	0	0	6	435	25	0	460
3300 SHEEP AND WOOL	3	0.8	0.0	54	0	0	0	0	0	24	78	7	0	85
3400 OTHER ANIMALS	1	0.1	0.0	6	0	0	0	0	0	6	12	0	0	12
3600 FARM SUPP & FACILITS	5	10.6	0.0	915	0	0	0	0	0	0	915	0	0	915
3700 CLOTHING & TEXTILES	1	0.6	0.0	46	0	0	0	0	0	0	46	0	0	46
3800 FOOD	9	11.6	0.0	870	0	0	0	0	0	24	893	0	0	893
4000 PEOPLE AS INDIVIDUALS	7	17.4	0.0	1750	0	0	0	0	0	0	1750	0	0	1750
4100 FAMILY MEMBERS	7	12.2	0.0	1421	0	0	0	0	0	0	1421	0	0	1421
4300 SOC POLIT ORGANIZ	13	25.0	0.0	2094	0	0	0	0	0	28	2122	25	0	2147
4400 AGRIC ECONOMY U S	40	67.8	0.0	8890	0	0	0	0	0	0	8890	0	23	8913
4500 AGRIC ECONOMY FOREGN	89	107.9	0.0	8589	0	0	0	0	0	31	8620	0	35	8655
4600 FARM COOPERATIVES	2	1.4	0.0	114	0	0	0	0	0	0	114	0	0	114
4800 MARKETING SYSTEMS	15	18.9	0.0	1545	0	0	0	0	0	0	1545	0	0	1545
6400 EXP DESIGN/STAT METHOD	1	4.5	0.0	618	0	0	0	0	0	48	666	0	0	666
6700 PLANTS	7	13.3	0.0	1713	0	0	0	0	0	0	1713	0	0	1713
6800 ANIMALS(VERTEBRATES)	6	3.1	0.0	413	0	0	0	0	0	0	413	0	0	413
TOTAL		449.8	0.0	38566	0	0	0	0	0	3556	42522	408	58	42987

TABLE III-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100														
104 ALTERN USE OF LAND	12	19.6	0.0	1505	0	0	0	0	0	171	1675	25	0	1700
105 CONSERV USE OF WATER	9	26.6	0.0	1943	0	0	0	0	0	496	2439	25	0	2464
107 WATERSHED PROT & MGMT	2	3.5	0.0	89	0	0	0	0	0	204	293	0	0	293
108 ECON LEG PROB OF WAT	2	30.8	0.0	136	0	0	0	0	0	2300	2436	0	0	2436
110 APPRAIS FORST & RANGS	1	0.2	0.0	0	0	0	0	0	0	0	0	25	0	25
SUBTOTAL		80.7	0.0	3673	0	0	0	0	0	3171	6844	74	0	6918
SERIES 200														
204 CNTR PESTS FRT & VEGS	6	3.1	0.0	413	0	0	0	0	0	0	413	0	0	413
205 CNTR DISE FRT & VEG	6	1.6	0.0	206	0	0	0	0	0	0	206	0	0	206
206 CNTR WEEDS FRT & VEG	6	1.6	0.0	206	0	0	0	0	0	0	206	0	0	206
207 CNTR PESTS FLD CROPS	6	3.1	0.0	413	0	0	0	0	0	0	413	0	0	413
208 CNTR DIS FIELD CROPS	6	1.6	0.0	206	0	0	0	0	0	0	206	0	0	206
209 CNTR WEEDS FLD CROPS	6	1.6	0.0	206	0	0	0	0	0	0	206	0	0	206
210 CONTR PESTS ANIMALS	6	1.6	0.0	206	0	0	0	0	0	0	206	0	0	206
211 CONTR DIS ANIMALS	6	1.6	0.0	206	0	0	0	0	0	0	206	0	0	206
214 PROTECT FROM POLLUTION	1	0.7	0.0	61	0	0	0	0	0	0	61	0	0	61
SUBTOTAL		16.4	0.0	2126	0	0	0	0	0	0	2126	0	0	2126
SERIES 300														
313 PROD MGMT SYS ANML PR	4	6.1	0.0	405	0	0	0	0	0	92	497	36	0	533
SUBTOTAL		6.1	0.0	405	0	0	0	0	0	92	497	36	0	533
SERIES 500														
501 IMP GRADES & STANDS	1	0.1	0.0	29	0	0	0	0	0	0	29	0	0	29
503 MKTG EFF AGRI PRODS	7	13.0	0.0	1092	0	0	0	0	0	0	1092	0	0	1092
506 SPLY DEMAND AND PRIC	44	71.0	0.0	5466	0	0	0	0	0	142	5607	249	0	5856
507 COMP REL IN AGRIC	3	1.5	0.0	134	0	0	0	0	0	0	134	0	0	134
508 DOMESTIC MKT DEVELP	1	2.0	0.0	162	0	0	0	0	0	0	162	0	0	162
509 PERFORMANCE MKTG SYS	29	39.0	0.0	3440	0	0	0	0	0	0	3440	0	0	3440
511 IMP AGRIC STATISTICS	1	4.5	0.0	618	0	0	0	0	0	48	666	0	0	666
SUBTOTAL		131.1	0.0	10939	0	0	0	0	0	190	11129	249	0	11378
SERIES 600														
601 FGN MKT DEVELP	89	107.9	0.0	8589	0	0	0	0	0	31	8620	0	35	8655
SUBTOTAL		107.9	0.0	8589	0	0	0	0	0	31	8620	0	35	8655
SERIES 700														
702 FOOD PROT FROM TOX	1	0.3	0.0	29	0	0	0	0	0	30	59	0	0	59
703 FOOD CONSUMP HABITS	5	5.7	0.0	582	0	0	0	0	0	14	596	0	0	596
SUBTOTAL		6.0	0.0	611	0	0	0	0	0	44	655	0	0	655
SERIES 800														
801 RURAL HOUSING	2	5.5	0.0	487	0	0	0	0	0	0	487	0	0	487
804 ECON POTENT RURL REG	5	10.1	0.0	1184	0	0	0	0	0	0	1184	0	0	1184
805 COMMUNICAT EDUC PROC	2	2.2	0.0	105	0	0	0	0	0	0	105	0	0	105
806 ADJUSTMENT TO CHANGE	5	13.9	0.0	1500	0	0	0	0	0	0	1500	0	0	1500
807 AGRIC ECONOMIC CHANGE	23	36.8	0.0	6506	0	0	0	0	0	0	6506	0	23	6529
808 GOV T PROGRAMS	5	10.0	0.0	851	0	0	0	0	0	0	851	0	0	851
SUBTOTAL		78.6	0.0	10633	0	0	0	0	0	0	10633	0	23	10656
SERIES 900														
901 ALLEV POLLUTION	1	0.1	0.0	0	0	0	0	0	0	0	0	12	0	12
902 OUTDOOR RECREATION	1	0.1	0.0	0	0	0	0	0	0	0	0	12	0	12
907 RURAL INCOME IMP	3	12.7	0.0	1176	0	0	0	0	0	0	1176	0	0	1176
908 RURAL INSTITUT IMP	9	10.1	0.0	813	0	0	0	0	0	28	841	25	0	866
SUBTOTAL		23.0	0.0	1989	0	0	0	0	0	28	2017	49	0	2067
SCIENCE IN SERV OF MAN														
GRAND TOTAL		449.8	0.0	38966	0	0	0	0	0	3556	42522	408	58	42987

U S FOREST SERVICE

TABLE III-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G SALES	CA OTHER CN GT	SP FD 015	SP FD 010	FOREST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	4	12.3	17.6	1535	0	0	0	0	126	0	1661	42	0	1703
0200 WATER	4	9.1	12.1	1136	0	0	0	0	42	0	1177	34	0	1212
0300 WATERSHEDS RIVER BAS	25	61.5	89.0	8181	0	0	0	0	601	0	8781	768	0	9550
0400 AIR AND CLIMATE	4	6.0	9.1	861	0	0	0	0	37	0	899	140	0	1039
0500 RECREATION RESOURCES	13	26.6	19.5	2903	0	0	0	0	419	0	3322	198	0	3520
0600 TIMBER FORST PRODUCT	170	633.6	900.0	81807	0	0	0	0	6691	0	88497	6040	0	94538
0700 RANGE	19	27.3	34.5	3652	0	0	0	0	355	0	4047	172	0	4219
0800 WILDLIFE AND FISH	29	52.1	61.7	6593	0	0	0	0	622	0	7215	621	0	7836
3900 HOUSING & EQUIP	2	9.1	18.0	1108	0	0	0	0	32	0	1140	18	0	1158
TOTAL		837.7	1161.5	107816	0	0	0	0	8925	0	116741	8033	0	124774

U S FOREST SERVICE

TABLE III-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G SALES	CA OTHER CN GT	SP FD 015	SP FD 010	FOREST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100														
102 SOIL PLNT WTR NUTRI	3	6.2	5.5	597	0	0	0	0	84	0	682	27	0	708
105 CONSERV USE OF WATER	1	1.0	1.9	153	0	0	0	0	2	0	155	26	0	181
107 WATERSHED PROT & MGMT	25	67.0	96.1	8805	0	0	0	0	585	0	9390	841	0	10231
108 ECON LEG PROB OF WAT	2	2.2	4.4	261	0	0	0	0	10	0	272	0	0	272
110 APPRAIS FORST & RANGS	13	55.8	111.4	10491	0	0	0	0	478	0	10969	363	0	11332
111 BIOL CULT MGMT FORSTS	52	164.3	185.1	18536	0	0	0	0	1268	0	19800	1967	0	21767
112 IMPROV RANGE RESOR	7	14.1	17.3	1902	0	0	0	0	213	0	2114	63	0	2177
SUBTOTAL		310.7	729.8	40747	0	0	0	0	2636	0	43382	3286	0	46669
SERIES 200														
201 CNTRL FORST INSECTS	28	79.0	84.9	10829	0	0	0	0	1052	0	11880	455	0	12335
202 CONTROL FOREST DIS	24	54.3	66.1	7758	0	0	0	0	1367	0	9166	428	0	9594
203 FOREST FIRE PROTECT	17	61.7	60.3	7548	0	0	0	0	542	0	8090	637	0	8727
207 CNTR PESTS FLD CROPS	1	0.5	0.8	64	0	0	0	0	4	0	68	3	0	71
208 CNTR DIS FIELD CROPS	1	0.5	0.8	64	0	0	0	0	4	0	68	3	0	71
214 PROTECT FROM POLLUTION	3	7.8	11.8	1057	0	0	0	0	69	0	1126	38	0	1163
SUBTOTAL		203.8	372.2	27360	0	0	0	0	3038	0	30398	1563	0	31961
SERIES 300														
301 GENET BREED FORST TRE	14	38.8	64.2	4133	0	0	0	0	198	0	4331	1216	0	5548
302 IMP FOREST ENG SYS	5	18.7	19.0	2149	0	0	0	0	236	0	2385	153	0	2538
303 ECON TIMBER PRODUCTN	6	15.2	9.1	1289	0	0	0	0	253	0	1542	66	0	1608
SUBTOTAL		72.7	159.3	7571	0	0	0	0	688	0	8258	1435	0	9693
SERIES 400														
401 NEW IMP FOREST PROD	27	99.8	254.0	14821	0	0	0	0	567	0	15389	195	0	15584
SUBTOTAL		99.8	417.2	14821	0	0	0	0	567	0	15389	195	0	15584
SERIES 500														
502 MKTG TIMBER PRODUCTS	6	12.0	18.9	1278	0	0	0	0	94	0	1372	43	0	1415
512 IMP GRADES FRST PROD	2	6.8	10.8	747	0	0	0	0	21	0	767	49	0	817
513 PRICE ANAL FRST PROD	3	5.0	9.9	603	0	0	0	0	110	0	713	38	0	751
SUBTOTAL		23.9	63.5	2627	0	0	0	0	225	0	2853	131	0	2983
SERIES 600														
601 FGN MKT DEVELP	1	2.0	1.0	41	0	0	0	0	260	0	301	66	0	367
604 PRD DVLPMT/MKTG FRGN	1	4.1	3.7	343	0	0	0	0	42	0	385	0	0	385
SUBTOTAL		6.1	6.5	384	0	0	0	0	302	0	686	66	0	752
SERIES 800														
801 RURAL HOUSING	1	3.5	5.0	396	0	0	0	0	0	0	396	14	0	410
SUBTOTAL		3.5	9.0	396	0	0	0	0	0	0	396	14	0	410
SERIES 900														
901 ALLEV POLLUTION	10	17.6	22.7	2221	0	0	0	0	203	0	2423	384	0	2807
902 OUTDOOR RECREATION	10	21.2	12.4	2082	0	0	0	0	236	0	2318	160	0	2478
903 MULTI USE FOREST RCTEN	16	33.7	34.0	3969	0	0	0	0	451	0	4420	365	0	4785
904 WLDLFE AND FISH ECOL	21	43.8	48.3	5462	0	0	0	0	571	0	6034	430	0	6463
905 TREES BEAUTIFICATION	1	1.0	2.0	176	0	0	0	0	7	0	184	0	0	184
SUBTOTAL		117.3	193.4	13910	0	0	0	0	1468	0	15378	1342	0	16721
SCIENCE IN SERV OF MAN														
GRAND TOTAL		837.7	1161.5	107816	0	0	0	0	8925	0	116741	8033	0	124774

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-E SUMMARY BY AGENCY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION AGENCY	NO OF PROJ	STAFF I.H. SYS	STAFF SUPPORT YEARS OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
AGRICULTURAL COOP SERVICE	10	21.3	6.1	1800	0	0	0	0	0	368	2168	0	0	2168
AGRICULTURAL RESEARCH SER	2695	2830.4	5411.7	406409	23764	16058	0	0	0	0	446231	7536	1425	455192
COMPETITIVE RESEARCH GRNT	213	0.0	0.0	0	10652	5552	0	0	0	0	16205	0	0	16205
COOPERATIVE STATE RES SER	309	0.0	0.0	0	26791	0	0	0	0	0	26791	0	0	26791
ECONOMIC RESEARCH SERVICE	263	449.8	0.0	38966	0	0	0	0	0	3556	42522	408	58	42987
U S FOREST SERVICE	210	837.7	1161.5	107816	0	0	0	0	8925	0	116741	8033	0	124774
TOTAL	3700	4139.2	6579.3	554991	61208	21610	0	0	8925	3924	650658	15976	1483	668117

TABLE IV-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	HATH /REF	MCIN STEM	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	1183	376.4	977.8	7093	436	451	62	732	0	7	8781	2397	3837	24493	1833	3584	3222	48147
0200 WATER	735	191.3	466.6	2832	125	52	0	542	0	45	3596	1580	2067	13808	487	1398	1460	24417
0300 WATERSHEDS RIVER EAS	169	48.0	101.5	556	353	81	0	184	0	0	1175	630	1115	2913	62	141	227	6264
0400 AIR AND CLIMATE	130	40.1	117.4	717	22	1	0	39	0	0	779	274	2021	2317	268	147	73	5877
0500 RECREATION RESOURCES	134	34.9	74.4	350	351	0	0	0	0	0	701	218	531	2055	78	129	306	4018
0600 TIMBER FORST PRODUCT	1456	510.0	1255.5	2080	9352	333	84	168	0	0	12017	6226	4511	30783	1631	6902	3041	65110
0700 RANGE	290	100.1	213.0	1083	115	399	59	80	0	0	1737	1029	1145	6414	797	380	495	11997
0800 WILDLIFE AND FISH	719	222.5	618.6	2084	803	796	0	752	134	0	4569	1019	6652	12694	919	2318	3294	31466
0900 CITRUS SUB TROP FRUT	271	110.2	346.5	1291	0	16	46	0	0	0	1353	402	373	11451	116	541	403	14639
1000 FRUIT NUTS DECIDUCUS	978	341.5	988.1	7044	16	982	49	400	0	0	8492	780	855	31213	1693	2880	1859	47771
1100 POTATOES	308	89.4	208.6	2229	0	155	118	5	0	0	2507	574	243	5935	598	768	757	11382
1200 VEGETABLES	1431	451.7	1301.2	9338	0	556	342	2238	0	0	12474	1602	2078	38021	1739	2630	2398	60943
1300 ORNAMENTALS TURF	605	221.2	547.9	4173	0	8	0	21	0	0	4202	442	234	17700	548	1746	785	25656
1400 CORN	969	214.3	712.7	5430	0	150	483	62	0	22	6147	1178	2327	17168	1505	2866	1016	32207
1500 GRAIN SORGHUM	324	65.0	252.1	1038	0	16	0	15	0	0	1068	428	709	5779	679	584	825	10071
1600 RICE	140	46.2	125.9	526	0	10	0	0	0	0	535	98	39	4454	234	1164	351	6876
1700 WHEAT	674	177.7	489.0	3176	0	472	96	89	0	0	3832	757	1009	13299	1550	1812	1318	23578
1800 OTHER SMALL GRAINS	418	86.7	234.3	1683	0	14	86	169	0	0	1952	420	374	6457	524	1220	715	11661
1900 PASTURE	141	28.2	119.1	1035	0	13	0	64	0	0	1111	254	33	2568	228	144	42	4380
2000 FORAGE CROPS	903	255.3	789.0	6402	6	102	312	625	0	0	7448	1753	2153	21219	2189	1369	926	37056
2100 COTTON	363	133.4	400.7	2596	0	129	47	152	0	0	2925	577	190	10999	710	2261	453	18116
2200 COTTONSEED	17	3.3	13.8	65	0	0	0	0	0	0	65	86	42	267	3	45	20	528
2300 SOYBEANS	938	234.6	796.3	5525	0	598	375	1622	0	0	8120	902	980	18701	1479	3232	1800	35213
2400 PEANUTS	166	45.7	169.5	595	0	23	41	308	0	0	967	91	201	4484	331	373	390	6838
2500 OTHER OILSEED CROPS	152	31.0	83.1	536	0	109	12	145	0	0	802	152	282	2550	150	335	117	4388
2600 TOBACCO	166	60.0	207.0	1181	0	377	24	42	0	0	1623	103	28	7069	321	212	427	9783
2700 SUGAR CROPS	162	48.4	170.3	998	0	127	38	36	0	0	1200	185	134	3778	277	372	169	6115
2800 MISC NEW CROPS	175	41.3	129.9	868	0	213	0	0	0	379	1459	132	114	2679	207	756	288	5635
2900 POULTRY	763	258.3	928.2	7092	0	606	0	899	524	0	9121	289	2187	23344	1697	1932	1433	40003
3000 BEEF CATTLE	1504	459.1	1820.0	12372	15	1236	0	1178	1612	0	16413	2735	2433	45653	17073	3400	1796	89503
3100 DAIRY CATTLE	1286	348.3	1286.1	9925	0	1550	0	359	1200	0	13034	1286	2405	34613	8044	4542	2570	66496
3200 SWINE	722	191.0	742.8	5671	0	788	0	1064	872	0	8394	673	986	19155	5593	1447	2520	38768
3300 SHEEP AND WOOL	390	90.8	295.1	2062	0	209	0	340	309	0	2920	647	549	8362	1312	426	429	14645
3400 OTHER ANIMALS	581	169.3	528.4	1786	0	213	16	1540	446	0	4001	283	5338	10366	1480	1327	3153	25948
3500 BEES AND HONEY	39	15.6	29.8	264	0	11	0	33	0	0	308	200	119	992	36	82	69	1806
3600 FARM SUPP & FACILITS	108	24.7	59.1	469	12	111	30	15	0	0	638	51	303	2101	480	227	257	4057
3700 CLOTHING & TEXTILES	68	21.7	29.4	446	0	0	0	241	0	0	687	31	8	1101	23	16	9	1874
3800 FOOD	539	177.6	477.8	4087	0	424	1515	957	0	0	6944	1026	2748	10147	506	2102	656	24128
3900 HOUSING & EQUIP	226	62.1	125.9	1141	71	336	0	80	0	0	1629	273	344	4096	238	347	306	7233
4000 PEOPLE AS INDIVIDUAL	619	186.6	422.8	2982	46	317	0	2501	0	0	5847	984	3485	9332	728	959	971	22306
4100 FAMILY MEMBERS	257	79.0	146.8	1428	0	58	0	1167	0	0	2653	82	1064	3667	175	142	284	8066
4200 FARM AS BUSINESS	239	76.8	138.8	1449	0	7	0	273	0	0	1729	250	171	4298	120	136	91	6795
4300 SOC POLIT ORGANIZ	368	118.3	232.6	3024	14	232	0	1070	0	0	4341	336	206	5080	350	318	604	11235
4400 AGRIC ECONOMY U S	152	45.4	105.0	912	0	101	0	218	0	0	1231	523	124	3090	103	71	113	5256
4500 AGRIC ECONOMY FORGN	31	11.4	29.9	124	0	0	0	0	0	0	124	171	135	462	20	11	100	1024
4600 FARM COOPERATIVES	33	6.4	9.8	117	0	0	0	0	0	0	117	37	10	323	13	11	12	522
4700 OTH MARKET PROCESS	38	8.2	16.5	155	0	0	0	0	0	0	155	52	15	421	15	34	172	863
4800 MARKETING SYSTEMS	105	31.1	49.4	819	0	26	0	0	0	0	845	169	34	1557	70	33	154	2863
6100 WEEDS	78	15.5	48.7	340	0	14	68	0	0	0	422	116	108	1189	82	235	96	2249
6200 SEED RESEARCH	54	24.8	83.8	242	0	0	0	0	0	0	242	117	251	1108	695	280	533	3266
6300 BIO CELL SYSTEMS	321	123.3	357.2	1726	0	1	444	251	0	1	2423	297	7709	7003	368	1018	752	19572
6400 EXP DESIGN/STAT METH	82	29.2	56.8	234	0	13	0	0	2	0	249	1081	239	2052	220	116	221	4180
6500 INVERTEBRATES	295	113.1	272.0	1716	8	5	141	73	6	0	1950	284	3646	7214	160	778	335	14368
6600 MICROORGANISMS VIRUS	369	119.1	336.8	1447	30	104	1863	117	10	2	3574	314	4564	6611	164	1037	662	16926
6700 PLANTS	886	276.0	801.7	4053	13	2562	2838	119	0	10	9596	1505	3907	20317	1934	3286	1728	42277
6800 ANIMALS(VERTEBRATES)	527	216.4	618.3	1903	0	326	0	122	288	0	2640	547	15967	14756	2295	1023	1312	38542
6900 RESEARCH ON RSCH MGH	44	30.4	64.0	427	0	3	0	0	0	0	431	169	111	4619	141	206	430	6306
7000 RSCH EQUIP & TECHNCL	141	38.0	71.1	391	49	36	0	0	7	0	483	104	1656	2011	85	815	161	5355
9900 UNCLASSIFIED	1	0.0	3.2	100	0	0	0	0	0	0	100	0	0	0	0	0	0	100
TOTAL		7576.0	22097.6	141390	11841	15470	9189	21110	5411	467	204878	38924	95188	576514	65378	66668	49106	1056665

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SYS	STAFF YRS OTHER	MATH /RRP	MCIN STEM	SP COMP GT	EVNS GT	ANNL ALIN	OTH HLTH	TOTAL CSRS	USDA CSRS	OTH CGCA	STATE FED	PROD APPRO	IND SALE	OTH -TRY	TOTAL -ER
SERIES 100																	
101 APPRAIS OF SOIL RESO	210	78.8	175.6	1231	52	15	0	43	0	0	1341	281	454	4931	260	1027	782	9077
102 SOIL PLNT WTR NUTRI	746	242.2	675.2	4268	650	194	65	624	0	7	5809	1440	1635	17726	1658	1781	1800	31849
103 MGMT OF SALINE SOILS	63	17.2	63.0	257	0	0	0	0	0	0	257	88	142	1635	43	280	65	2510
104 ALTERN USE OF LAND	188	53.5	101.8	1154	56	103	0	0	0	0	1313	445	421	2490	69	321	546	5605
105 CONSERV USE OF WATER	324	84.7	261.0	1256	43	56	3	40	0	100	1498	924	706	7469	367	642	308	11914
106 DRAIN AND IRRIGATION	155	45.5	106.8	802	0	2	0	0	0	28	831	421	169	3297	172	192	319	5400
107 WATERSHED PROT & FGM	189	61.8	157.3	804	410	127	0	62	0	0	1403	911	1008	4000	159	322	353	8156
108 ECON LEG PROB OF WAT	57	17.6	33.5	169	3	0	0	0	0	0	172	195	319	1033	7	47	82	1853
109 WEATHER ADAPT & MOD	150	50.5	146.6	954	75	2	0	28	0	0	1060	333	2707	2801	298	159	196	7554
110 APPRAIS FORST & RANG	161	43.7	85.1	187	523	94	0	18	0	0	822	677	306	1945	75	145	615	4584
111 BIOL CULT MGMT FORST	460	139.4	360.6	241	3045	34	0	66	0	0	3386	1723	1267	8724	833	2392	700	19024
112 IMPROV RANGE RESOR	184	64.2	140.7	668	92	74	0	58	0	0	892	605	635	4658	690	226	256	7962
113 REMOTE SENSING	53	12.0	28.8	62	114	27	0	40	0	0	244	24	504	853	30	104	52	1812
114 RSCH ON MGMT OF RSCH	43	26.7	54.4	427	0	3	0	0	0	0	431	169	105	4777	98	205	181	5965
SUBTOTAL		938.7	2390.4	12481	5064	730	68	980	0	135	19458	8237	10379	66337	4760	7841	6255	123267
SERIES 200																	
201 CNTRL FORST INSECTS	164	44.3	113.2	451	661	121	0	0	0	0	1232	1007	770	2524	62	325	182	6101
202 CONTROL FOREST DIS	153	35.8	82.4	460	718	3	0	0	0	0	1182	260	266	2303	84	167	151	4413
203 FOREST FIRE PROTECT	17	3.6	4.2	3	15	0	0	0	0	0	18	58	17	176	0	6	4	280
204 CNTR PESTS FRT & VEG	429	123.0	375.5	2222	0	35	190	21	0	0	2467	836	889	11513	562	1125	1118	18511
205 CNTR DISE FRT & VEG	755	230.3	692.9	4325	16	332	419	100	0	0	5192	925	485	20499	822	1681	1095	30699
206 CNTR WEEDS FRT & VEG	174	44.2	134.3	874	0	23	100	28	0	0	1025	273	61	3817	183	414	290	6064
207 CNTR PESTS FLD CROPS	597	199.2	600.5	4886	0	288	104	372	0	0	5650	1313	851	14357	796	2344	1261	26572
208 CNTR DIS FIELD CROPS	771	221.7	679.5	4822	0	550	399	407	0	85	6262	1174	534	17586	788	2781	1503	30627
209 CNTR WEEDS FLD CROPS	347	110.0	376.6	2279	0	199	8	188	0	54	2727	636	233	9507	842	2155	645	16746
210 CONTR PESTS ANIMALS	144	34.8	95.3	771	8	146	0	127	175	0	1226	391	214	2590	206	283	139	5050
211 CONTR DIS ANIMALS	1273	456.5	1270.5	5091	8	2591	0	268	3801	0	11760	2249	8936	35144	4860	3387	3527	69862
212 CNTR INTER PARASITES	159	43.6	106.9	544	0	390	0	0	309	0	1243	584	378	3397	256	505	331	6653
213 PROT ANMLS FROM TOXI	179	67.2	162.6	630	0	126	0	47	376	0	1179	380	4918	3797	576	293	1309	12452
214 PROTECT FROM POLLUTI	242	66.6	217.0	926	176	1285	0	207	24	0	2618	311	3454	4365	95	1351	334	12528
SUBTOTAL		1680.9	4911.5	28283	1602	6087	1220	1767	4685	139	43782	10357	22006	131575	10131	16816	11890	246557
SERIES 300																	
301 GENET BREED FORST TR	138	45.8	134.2	261	982	8	34	75	0	0	1360	429	321	3216	203	907	285	6720
302 IMP FOREST ENG SYS	48	15.1	46.3	24	228	1	0	0	0	0	253	534	34	895	21	218	176	2132
303 ECON TIMBER PRODUCTN	66	19.5	52.1	12	395	3	0	0	0	0	409	313	206	1202	28	149	145	2451
304 IMP BIO EFF FRT & VE	1068	347.1	1020.9	6657	0	657	270	1790	0	0	9374	846	1144	31314	1702	2139	1891	48410
305 MECH PROD FRT & VEGS	117	31.5	75.4	801	0	2	0	16	0	0	820	34	116	2685	44	90	145	3935
306 PROD MGMT SYS F & V	126	20.5	62.1	461	0	29	0	29	0	0	520	101	94	1988	67	102	50	2917
307 IMP BIO EFF FLD CRP	1521	617.6	2041.3	12010	0	493	1164	1425	0	48	15141	2741	4905	54609	6120	6710	4050	94276
308 MECH PROD FIELD CROP	92	26.9	90.5	655	0	50	0	0	0	0	705	93	39	2631	381	221	184	4253
309 PROD MGMT SYS FLD CR	355	80.7	248.1	1814	0	64	0	17	0	120	2015	160	187	8065	1034	775	371	12607
310 ANIMAL REPRODUCTION	535	196.7	802.0	6442	0	371	0	1114	259	0	8185	528	3232	19845	4822	1711	1040	39362
311 IMP BIO EFF ANML PR	1247	490.5	2339.4	15301	0	415	0	2094	223	0	18033	1682	4155	57288	20207	5538	4459	111402
312 ENV STRESS IN ANML P	198	48.6	196.6	1458	0	35	0	70	33	0	1595	95	229	4535	1230	180	281	8145
313 PROD MGMT SYS ANML P	324	72.1	272.3	2053	0	86	0	557	0	0	2697	145	59	7709	2584	347	304	13846
314 BEES OTH POLINTNG IN	39	15.6	29.8	264	0	11	0	33	0	0	308	200	119	992	36	82	69	1806
315 IMP STRUC FARM SUPP	157	44.2	103.9	804	12	276	30	15	0	0	1138	216	318	3698	673	375	368	6785
316 FARM BUSINESS MGMT	181	59.7	102.7	1014	0	7	0	142	0	0	1163	178	148	3278	99	114	80	5058
317 MECH/STRUCTS ANML PR	64	17.4	50.1	369	0	0	0	0	0	0	369	16	127	1543	155	81	160	2451
318 NCN COM BIO TECH/EIM	1331	513.7	1378.2	6316	88	147	4848	375	16	4	11793	1347	22509	30520	2015	5129	2422	75734
SUBTOTAL		2663.2	9042.0	56715	1705	2656	6347	7752	530	172	75877	9658	37978	236009	41422	24867	16480	482291
SERIES 400																	
401 NEW IMP FOREST PROD	196	106.8	240.5	194	1373	163	0	0	0	0	1730	604	725	6240	151	2124	559	12133
402 PROD F & V IMP ACCEP	273	53.9	162.8	907	0	270	0	126	0	0	1303	146	321	5405	289	226	273	7963
403 NEW & IMP F & V PROD	198	57.1	135.2	1264	0	86	0	66	0	0	1417	39	149	4375	162	570	358	7070
404 MKT QUAL FRTS & VEGS	166	53.6	124.7	1499	0	31	0	0	0	0	1531	63	120	3827	142	514	199	6397
405 PROD FLD CROP IMP AC	277	84.9	312.5	1873	0	72	24	235	0	0	2203	507	572	7349	812	1071	1029	13543
406 NEW IMP FOOD FLD CRO	125	36.9	120.9	864	0	0	0	141	0	0	1006	43	322	2590	174	272	400	4808
407 NEW IMP NON FOOD FC	118	34.0	103.9	542	0	266	0	5	0	22	835	308	589	2518	220	326	169	4965
408 MKT QUAL FIELD CROPS	92	24.2	46.1	552	0	69	0	0	0	0	621	96	23	1618	67	112	63	2602
409 PROD ANML PR IMP ACC	156	39.4	148.2	1584	0	377	0	518	0	0	2479	140	136	3123	956	282	86	7201
410 IMP MEAT MILK EGG PR	259	82.5	234.2	2462	0	40	0	99	0	0	2601	40	334	5746	926	878	385	10911
411 IMP NON FOOD ANML PR	27	6.5	21.8	158	30	80	0	40	0	0	308	64	58	337	26	11	2	806
412 MKT QUAL ANIMAL PROD	105	28.1	82.6	870	0	30	0	95	0	0	994	75	166	2284	73	251	128	3971
SUBTOTAL		607.8	1733.6	12769	1404	1484	24	1326	0	22	17028	2125	3515	45412	3998	6638	3653	82369
SERIES 500																	
501 IMP GRADES & STANDS	48	13.8	53.6	397	0	0	0	29	0	0	425	37	3	1005	166	197	69	1902
502 MKTG TIMBER PRODUCTS	45	9.7	25.5	71	113	0	0	0	0	0	185	316	76	477	2	85	42	1182
503 MKTG EFF AGRI PROIS	178	54.0	84.4	1372	0	3	0	0	13	0	1389	211	94	2637	68	173	399	4971
506 SPLY DEMAND AND PRIC	183	55.9	114.9	1580	0	14	0	48	0	0	1642	298	174	3116	162	105	98	5596
507 COMP REL IN AGRIC	63	14.4	28.9	389	0	51	0	0	0	0	440	45	87	843	39	6	51	1511
508 DOMESTIC MKT DEVELP	33	6.8	7.4	117	0	0	0	53	0	0	170	13	0	420	4	33	83	723
509 PERFORMANCE MKTG SYS	152	60.5	95.6	1550	0	80	0	0	0	0	1631	224	40	2807	120	65	236	5123
510 GROUP ACT MKT POWER	23	3.6	8.3	82	0	25	0	0	0	0	107	20	12	213	7	3	15	378
511 IMP AGRIC STATISTICS	31	8.7	19.0	107	0	0	0	0	0	0	107	1054	7	525	108	8	181	1990
512 IMP GRADES FRST PROD	18	3.5	6.4	1	77	0	0	0	0	0	78	61	17	207	0	29	7	400
513 PRICE ANAL FRST PROD	28	8.0	14.1	28	66	0	0	0	0	0	94	107	44	392	10	46	14	707
SUBTOTAL		238.9	458.1	5695	256	173	0	129	13	0	6267	2385	554	12641	689	750	1196	24481
SERIES 600																	
601 FGN MKT DEVELP	56	15.4	42.9	453	16	0	0	0	0	0	469	137	197	864	38	40	74	1819
602 EVAL FGN FOOD AID PG	4	0.3	0.5	7	0	0	0	0	0	0	7	3	0	18	0	0	0	28
603 TECH AID DEV CNTY	65	31.9	65.0	19	1	21	0	0	0	0	41	131	107	691	98	75	1135	2279
604 PRD DVLPMT/MKTG FFGN	15	1.5	5.6	22	0	0	0	0	0	0	22	14	13	120	5	17	11	202
SUBTOTAL		49.1	114.0	501	17	21	0	0	0	0	539	285	317	1693	141	132	1221	4328

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SUPPORT SYS	STAFF YRS OTHER	MATH /PHY	NCIN STEM	SP GT	COMP GT	EVNS ALLN	ANIM HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 700																		
701 TOX RES IN FOOD	163	63.1	148.4	1274	0	1903	0	444	26	0	3647	78	445	3213	81	284	151	7899
702 FOOD PRCT FRCM TOX	190	68.2	216.3	1611	0	80	0	214	24	0	1928	310	2372	4227	311	976	291	10415
703 FOOD CONSUMP HABITS	135	38.7	90.0	756	0	162	1	684	0	0	1604	620	221	1850	150	177	60	4681
704 HOME CONS FOOD SERV	52	13.5	24.8	378	0	0	0	12	0	0	390	33	93	701	55	93	49	1414
705 SEL CARE CLOTH & TEX	59	17.2	22.1	297	0	0	0	241	0	0	538	13	3	896	21	14	1	1484
706 CONTR INSECTS AFF HA	125	43.9	102.3	703	43	0	0	0	0	0	746	209	310	2999	57	366	321	5007
707 TRANS ANIML HAN DIS	32	11.5	27.0	64	0	0	0	0	0	0	64	3	834	506	277	254	91	2030
708 HUMAN NUTRITION	425	141.0	470.2	2608	0	8	1530	1539	0	0	5684	1142	3764	7581	444	619	813	20045
709 REDUCE HAZ HLTH & SF	67	16.6	36.2	271	0	380	0	49	0	0	701	31	254	885	62	174	126	2234
SUBTOTAL			1137.2		43		1531		49		15301		8295		1458		1903	
		414.1		7962		2532		3184		0		2437		22857		2957		55206
SERIES 800																		
801 RURAL HOUSING	64	14.6	22.0	340	0	166	0	80	0	0	587	2	31	759	65	34	37	1513
802 INDIV & FAM DEC MAKI	189	51.5	98.0	959	4	26	0	783	0	0	1771	36	564	2397	122	118	221	5228
803 RURAL POVERTY	40	15.0	35.4	132	0	17	0	1002	0	0	1150	2	10	147	9	2	3	1323
804 ECON PCIENT RURL REO	88	25.0	66.9	299	8	56	0	959	0	0	1321	52	62	730	27	27	185	2405
805 COMMUNICAT EDUC PROC	122	34.7	49.2	293	30	34	0	316	0	0	674	21	211	2611	104	23	225	3868
806 ADJUSTMENT TC CHANGE	175	56.2	90.8	1281	0	59	0	233	0	0	1573	24	994	2421	99	362	40	5513
807 AGRIC ECONOMIC CHANG	157	52.5	109.4	1046	0	101	0	434	0	0	1581	272	46	3270	75	62	207	5512
808 GOV T PROGRAMS	47	10.3	25.9	187	0	0	0	0	0	0	187	177	37	738	20	33	8	1200
SUBTOTAL			497.7		42		0		0		8846		1953		522		924	
		260.1		4537		459		3807		0		585		13073		660		26563
SERIES 900																		
901 ALLEV POLLUTION	501	157.3	416.0	3276	121	252	0	1059	0	0	4708	770	3021	10771	404	1537	787	22400
902 OUTDOOR RECREATION	138	38.0	87.2	484	326	0	0	0	0	0	810	283	575	2275	81	137	287	4448
903 MULTI USE FOREST PCT	96	27.3	45.0	48	440	0	0	0	0	0	487	179	281	974	46	73	365	2406
904 WLDLFE AND FISH ECOL	595	182.4	527.9	1664	756	744	0	645	134	0	3942	821	5815	10634	808	2026	2895	26942
905 TREES BEAUTIFICATION	91	20.9	52.1	250	63	0	0	0	0	0	313	157	135	1703	173	115	69	2665
906 ORNAMENT & TURF DEV	582	211.3	519.8	4086	0	8	0	21	0	0	4114	393	227	16928	508	1648	736	24554
907 RURAL INCOME INP	100	31.2	62.7	1104	3	161	0	95	0	0	1362	64	28	1376	100	16	34	2981
908 RURAL INSTITUT INE	193	54.6	99.1	1436	0	162	0	347	0	0	1945	187	118	2255	137	53	412	5107
990 UNCLASSIFIED	1	0.0	3.2	100	0	0	0	0	0	0	100	0	0	0	0	0	0	100
SUBTOTAL			1813.0		1708		0		134		17782		10200		2258		5585	
		723.1		12447		1327		2166		0		2855		46517		6007		91603
SCIENCE IN SERV OF MAN																		
GRAND TOTAL			22097.6		11841		9189		5411		204878		95198		65378		49106	
		7576.0		141390		15470		21110		467		38924		576514		66668		1096665

SAES REGION 1 NORTHEAST REGION -- (INCLUDES SAES - OTHER INSTITUTIONS)

TABLE IV-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SUPPORT SYS	STAFF YRS OTHER	MATH /BEF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	172	54.1	110.0	1376	67	81	0	30	0	0	1553	187	936	2543	136	333	603	6291
0200 WATER	107	24.4	41.3	422	29	0	0	0	0	0	450	25	202	1022	48	105	582	2434
0300 WATERSHEDS RIVER BAS	32	8.6	8.1	200	53	0	0	0	0	0	253	27	372	921	2	0	88	1663
0400 AIR AND CLIMATE	23	4.4	8.2	93	13	0	0	39	0	0	145	0	57	204	6	13	9	472
0500 RECREATION RESOURCES	31	8.1	8.8	69	81	0	0	0	0	0	150	23	53	479	19	3	153	880
0600 TIMBER FORST PRODUCT	302	98.5	151.6	790	1828	13	11	0	0	0	2642	650	614	4457	128	1300	649	10440
0700 RANGE	4	0.4	0.5	7	0	0	0	0	0	0	7	0	2	25	2	0	0	35
0800 WILDLIFE AND FISH	154	46.9	98.5	501	204	179	0	159	17	0	1060	52	1241	1717	281	243	972	5567
0900 CITRUS SUB TROP FRUT	4	1.2	0.5	22	0	0	0	0	0	0	22	0	0	46	1	1	0	70
1000 FRUIT NUTS DECIDUOUS	225	88.7	212.0	2219	16	161	22	0	0	0	2418	174	381	5715	430	667	419	10203
1100 POTATOES	89	33.3	71.3	876	0	131	77	0	0	0	1083	320	55	1549	292	200	184	3684
1200 VEGETABLES	249	79.4	181.9	2154	0	178	70	87	0	0	2489	74	361	5154	383	386	556	9404
1300 ORNAMENTALS TURF	116	36.4	79.5	918	0	0	0	0	0	0	918	40	46	2252	89	375	77	3797
1400 CORN	103	26.3	62.4	751	0	0	74	0	0	0	825	26	257	1634	172	380	91	3385
1500 GRAIN SORGHUM	1	0.1	0.2	1	0	0	0	0	0	0	1	0	0	4	0	3	0	8
1600 RICE	7	1.1	1.5	19	0	6	0	0	0	0	25	1	0	84	8	4	14	137
1700 WHEAT	32	6.2	12.5	174	0	0	14	0	0	0	189	22	53	368	56	33	37	759
1800 OTHER SMALL GRAINS	24	5.2	12.1	124	0	0	21	0	0	0	146	13	62	226	38	49	31	565
1900 PASTURE	7	1.7	5.4	166	0	0	0	0	0	0	166	0	0	75	12	11	1	266
2000 FORAGE CROPS	98	29.8	89.5	1077	0	33	15	112	0	0	1237	160	157	1884	237	133	281	4089
2100 COTTON	1	0.2	0.1	15	0	0	0	0	0	0	15	0	0	6	0	0	0	21
2200 COTTONSEED	1	0.0	0.3	0	0	0	0	0	0	0	0	0	0	4	0	1	0	5
2300 SOYBEANS	50	12.8	25.4	264	0	0	6	307	0	0	577	5	78	543	42	58	11	1315
2400 PEANUTS	2	0.3	0.7	0	0	0	0	0	0	0	0	0	0	14	0	1	0	15
2500 OTHER OILSEED CROPS	7	0.9	1.8	6	0	0	0	0	0	0	6	4	0	62	3	0	0	75
2600 TOBACCO	20	10.5	13.2	229	0	0	0	0	0	0	229	0	0	705	20	2	0	956
2800 MISC NEW CROPS	7	1.2	0.6	21	0	0	0	0	0	0	21	0	0	53	1	2	0	77
2900 POULTRY	165	63.0	201.5	2137	0	170	0	0	108	0	2415	57	1088	4308	404	386	319	8977
3000 BEEF CATTLE	94	16.1	56.6	555	0	121	0	0	57	0	733	66	187	1164	238	114	228	2729
3100 DAIRY CATTLE	254	79.3	259.0	2341	0	314	0	39	269	0	2963	201	939	5134	1192	1383	1030	12842
3200 SWINE	53	13.3	30.5	232	0	61	0	63	91	0	446	7	106	721	158	52	127	1616
3300 SHEEP AND WOOL	44	8.5	26.1	242	0	2	0	0	52	0	296	46	173	537	79	30	81	1242
3400 OTHER ANIMALS	112	43.9	117.0	348	0	114	0	0	59	0	521	40	1461	2124	912	178	1744	6975
3500 BEES AND HONEY	8	2.6	2.8	36	0	0	0	0	0	0	36	0	62	133	22	12	1	267
3600 FARM SUPP & FACILITS	23	6.5	11.2	138	0	0	0	0	0	0	138	0	123	342	9	22	23	657
3700 CLOTHING & TEXTILES	5	1.3	2.4	79	0	0	0	0	0	0	79	0	0	71	18	0	0	168
3800 FOOD	117	44.1	117.2	966	0	15	764	0	0	0	1745	112	606	1833	192	292	166	4946
3900 HOUSING & EQUIP	40	13.7	25.2	257	0	23	0	0	0	0	280	25	58	676	63	122	94	1317
4000 PEOPLE AS INDIVIDUAL	164	56.6	102.9	995	27	105	0	56	0	0	1182	192	1808	2348	581	117	504	6733
4100 FAMILY MEMBERS	27	11.8	26.1	189	0	0	0	184	0	0	373	26	222	424	87	39	224	1396
4200 FARM AS BUSINESS	23	9.8	13.9	297	0	0	0	0	0	0	297	19	3	367	5	15	20	726
4300 SOC POLIT ORGANIZ	82	27.0	46.5	1052	3	0	0	79	0	0	1133	101	37	917	78	15	95	2376
4400 AGRIC ECONOMY U S	12	3.9	3.3	84	0	0	0	0	0	0	84	0	0	173	0	2	0	259
4500 AGRIC ECONOMY FORGN	5	6.2	6.7	3	0	0	0	0	0	0	3	22	0	133	1	3	41	203
4600 FARM COOPERATIVES	2	0.5	0.7	6	0	0	0	0	0	0	6	0	1	30	2	0	0	39
4700 OTH MARKET PROCESS	4	1.7	4.4	14	0	0	0	0	0	0	14	0	9	92	3	23	159	300
4800 MARKETING SYSTEMS	18	5.9	5.6	169	0	0	0	0	0	0	169	42	2	202	11	1	11	438
6100 WEEDS	5	1.6	1.6	39	0	0	0	0	0	0	39	0	1	66	1	5	1	114
6200 SEED RESEARCH	9	2.5	5.4	23	0	0	0	0	0	0	23	0	0	169	4	36	3	234
6300 BIO CELL SYSTEMS	76	30.5	67.9	410	0	0	124	0	0	0	534	0	1973	1052	229	119	528	4438
6400 EXP DESIGN/STAT METH	13	6.3	3.5	44	0	0	0	0	0	0	44	1	9	246	70	26	1	398
6500 INVERTEBRATES	55	20.9	39.9	407	0	0	59	0	0	0	466	122	1001	889	69	128	68	2743
6600 MICROORGANISMS VIRUS	74	26.5	69.2	419	17	53	405	0	0	0	895	11	1395	898	104	19	77	3400
6700 PLANTS	113	39.2	83.3	801	0	392	516	28	0	0	1736	272	350	1270	107	151	81	3967
6800 ANIMALS(VERTEBRATES)	85	31.6	60.6	246	0	186	0	0	3	0	435	0	2284	856	379	46	233	4232
6900 RESEARCH ON RSCH MGM	2	3.9	9.6	0	0	0	0	0	0	0	0	4	6	46	43	1	248	348
7000 RSCH EQUIP & TECHNOL	33	13.9	18.3	113	14	0	0	0	7	0	134	0	621	439	38	19	41	1292
TOTAL		1173.2	2617.1	25131	2351	2338	2177	1181	662	0	33841	3171	19493	59407	7503	7658	10910	141983

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SUPPORT SYS	STAFF YRS OTHER	MATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	26	12.1	17.7	261	5	0	0	0	0	0	266	99	21	574	40	22	221	1244
102 SOIL PLNT WTR NUTRI	87	26.6	60.7	722	68	8	0	30	0	0	828	65	158	1508	64	151	261	3035
103 MGMT OF SALINE SOILS	2	0.7	3.3	20	0	0	0	0	0	0	20	0	50	32	0	0	0	102
104 ALTERN USE OF LAND	30	10.5	20.1	299	6	73	0	0	0	0	378	29	30	268	12	46	74	836
105 CONSERV USE OF WATER	20	3.0	7.0	74	0	0	0	0	0	0	74	0	51	158	17	6	21	328
106 DRAIN AND IRRIGATION	9	1.5	2.3	27	0	0	0	0	0	0	27	12	1	105	6	1	54	205
107 WATERSHED PROT & MGM	25	8.7	9.5	68	54	0	0	0	0	0	122	12	57	888	9	82	72	1243
108 ECON LEG PROB OF WAT	9	1.5	1.4	35	0	0	0	0	0	0	35	0	1	97	4	0	0	138
109 WEATHER ADAPT & MOD	21	6.0	13.2	138	13	0	0	0	0	0	151	1	212	278	15	6	9	672
110 APPRAIS FORST & RANG	20	5.4	8.3	42	79	0	0	0	0	0	121	80	9	145	1	3	150	509
111 BIOL CULT MGMT FORST	80	18.5	26.6	58	462	0	0	0	0	0	520	84	37	849	55	329	48	1922
112 IMPROV RANGE RESCH	1	0.3	0.3	3	0	0	0	0	0	0	3	0	0	14	1	0	0	18
113 REMOTE SENSING	13	2.8	7.4	36	71	0	0	0	0	0	107	0	54	178	0	21	1	361
114 RSCH ON MGMT OF RSCH	1	0.2	0.0	0	0	0	0	0	0	0	0	4	0	4	0	0	0	7
SUBTOTAL			178.0		758		0		0		2651		681		226		910	
		98.2		1783		81		30		0		387		5097		668		10620
SERIES 200																		
201 CNTRL FORST INSECTS	35	14.2	25.1	196	220	0	0	0	0	0	416	204	277	661	9	269	55	1892
202 CONTROL FOREST DIS	29	8.3	15.1	263	207	0	0	0	0	0	470	30	41	414	10	17	5	987
203 FOREST FIRE PROTECT	2	0.1	0.0	0	4	0	0	0	0	0	4	6	0	2	0	0	0	12
204 CNTR PESTS FRT & VEG	98	31.1	79.0	658	0	22	98	0	0	0	778	88	638	1890	237	267	248	4147
205 CNTR DISE FRT & VEG	135	46.3	111.6	1163	16	27	142	0	0	0	1348	214	20	2944	275	308	293	5402
206 CNTR WEEDS FRT & VEG	30	9.4	17.2	274	0	8	0	0	0	0	282	15	5	546	33	38	51	971
207 CNTR PESTS FLD CROPS	47	15.0	29.9	445	0	15	0	94	0	0	553	36	157	671	88	93	87	1685
208 CNTR DIS FIELD CROPS	55	16.1	34.4	415	0	13	88	0	0	0	515	67	67	915	76	210	129	1979
209 CNTR WEEDS FLD CROPS	26	7.5	16.1	213	0	8	0	0	0	0	221	14	7	447	31	100	19	839
210 CONTR PESTS ANIMALS	15	3.0	6.9	101	0	17	0	0	0	0	118	0	46	196	9	12	9	391
211 CONTR DIS ANIMALS	213	76.7	245.5	1123	0	725	0	0	441	0	2290	86	1818	4172	966	952	1732	12015
212 CNTR INTER PARASITES	9	1.6	5.4	28	0	2	0	0	9	0	38	0	136	41	22	5	26	268
213 PROT ANMLS FROM TOXI	16	8.6	17.4	25	0	0	0	0	55	0	80	0	135	172	113	9	758	1268
214 PROTECT FROM POLLUTI	54	12.9	33.2	315	136	274	0	20	13	0	757	33	229	760	31	50	8	1868
SUBTOTAL			636.8		584		327		518		7871		3577		1902		3420	
		250.8		5216		1112		113		0		794		13830		2328		33723
SERIES 300																		
301 GENET BREED FORST TR	22	7.1	11.1	97	153	0	0	0	0	0	250	47	0	286	18	52	8	661
302 IMP FOREST ENG SYS	9	1.6	3.6	0	41	0	0	0	0	0	41	90	0	108	0	22	5	266
303 ECON TIMBER PRODUCTN	9	2.2	2.0	1	33	0	0	0	0	0	34	27	0	142	0	0	18	222
304 IMP BIO EFF FRT & VE	186	64.4	151.4	1569	0	107	87	87	0	0	1850	165	35	4211	385	451	468	7565
305 MECH PROD FRT & VEGS	13	6.7	15.2	340	0	0	0	0	0	0	340	23	14	367	11	14	11	781
306 PROD MGMT SYS F & V	14	3.1	6.3	94	0	0	0	0	0	0	94	9	0	150	16	23	7	298
307 IMP BIO EFF FLD CRP	96	35.1	81.8	1072	0	0	64	67	0	0	1203	91	215	2336	274	233	145	4496
308 MECH PROD FIELD CROP	3	0.4	0.8	11	0	0	0	0	0	0	11	9	0	18	0	0	0	38
309 PROD MGMT SYS FLD CR	29	8.9	27.0	397	0	6	0	0	0	0	403	4	63	564	16	60	46	1156
310 ANIMAL REPRODUCTION	72	31.4	100.8	916	0	32	0	0	49	0	997	56	1079	2326	624	246	272	5600
311 IMP BIO EFF ANML PR	163	67.9	216.9	1938	0	39	0	0	63	0	2040	185	1599	4540	903	640	405	10312
312 ENV STRESS IN ANML P	28	9.5	25.9	417	0	0	0	0	0	0	417	0	56	573	154	8	54	1262
313 PROD MGMT SYS ANML P	33	11.2	37.0	422	0	0	0	39	0	0	460	46	11	808	143	57	128	1653
314 BEES OTH POLINTNG IN	8	2.6	2.8	36	0	0	0	0	0	0	36	0	62	133	22	12	1	267
315 IMP STRUC FARM SUPP	37	14.8	30.1	291	0	23	0	0	0	0	314	25	150	779	57	143	82	1549
316 FARM BUSINESS MGMT	19	8.7	12.2	261	0	0	0	0	0	0	261	12	3	328	5	14	19	642
317 MECH/STRUCTS ANML PP	8	2.4	7.8	62	0	0	0	0	0	0	62	13	0	185	18	43	57	377
318 NCN COM BIC TECH/EIM	286	115.7	234.8	1474	12	41	935	0	7	0	2469	88	6070	3844	718	357	840	14366
SUBTOTAL			967.4		240		1086		119		11284		9357		3363		2566	
		393.5		9399		247		193		0		889		21697		2375		51531
SERIES 400																		
401 NEW IMP FOREST PROD	35	23.2	31.4	50	240	13	0	0	0	0	303	55	177	1096	13	566	26	2236
402 PROD F & V IMP ACCEP	35	8.6	18.1	108	0	13	0	0	0	0	122	5	33	649	22	28	35	894
403 NEW & IMP F & V PROD	31	10.9	19.8	129	0	38	0	0	0	0	167	16	40	769	31	67	18	1109
404 MKT QUAL FRTS & VEGS	45	17.7	34.6	635	0	0	0	0	0	0	635	16	4	882	81	64	15	1697
405 PROD FLD CROP IMP AC	18	4.7	9.3	83	0	0	0	134	0	0	217	0	4	170	19	10	35	454
406 NEW IMP FOOD FLD CRO	10	5.7	4.2	76	0	0	0	0	0	0	76	26	92	166	10	36	16	423
407 NEW IMP NON FOOD FC	11	3.0	9.4	47	0	0	0	0	0	0	47	16	22	213	44	1	7	350
408 MKT QUAL FIELD CROPS	5	0.7	1.2	11	0	0	0	0	0	0	11	6	0	33	1	1	0	52
409 PROD ANML PR IMP ACC	13	4.2	11.9	178	0	0	0	0	0	0	178	6	0	262	44	56	1	547
410 IMP MEAT MILK EGG PR	48	12.6	29.9	367	0	0	0	0	0	0	367	15	121	746	98	154	81	1583
411 IMP NON FOOD ANML PR	4	1.1	3.1	26	0	0	0	0	0	0	26	0	49	53	25	7	0	160
412 MKT QUAL ANIMAL PROD	13	5.3	12.8	154	0	0	0	0	0	0	154	0	26	344	1	106	4	636
SUBTOTAL			185.8		240		0		0		2303		568		389		238	
		97.5		1864		65		134		0		161		5385		1096		10140
SERIES 500																		
501 IMP GRADES & STANDS	3	0.8	1.3	0	0	0	0	0	0	0	0	0	0	43	1	5	0	49
502 MKTG TIMBER PRODUCTS	13	1.5	2.9	41	31	0	0	0	0	0	71	2	0	57	1	0	5	135
503 MKTG EFF AGRI PROIS	22	9.2	11.7	202	0	0	0	0	0	0	202	32	5	298	16	2	234	790
506 SPLY DEMAND AND PRIC	19	6.4	6.6	184	0	0	0	0	0	0	184	0	107	192	4	4	4	495
507 COMP REL IN AGRIC	6	2.0	1.5	71	0	0	0	0	0	0	71	1	0	67	0	1	1	141
508 DOMESTIC MKT DEVELP	5	0.2	1.3	0	0	0	0	0	0	0	0	7	0	32	0	0	73	113
509 PERFORMANCE MKTG SYS	25	7.5	8.3	219	0	0	0	0	0	0	219	45	7	294	18	24	26	632
510 GROUP ACT MKT POWER	2	0.2	0.8	2	0	0	0	0	0	0	2	0	0	15	2	0	1	20
511 IMP AGRIC STATISTICS	5	1.6	0.7	7	0	0	0	0	0	0	7	1	0	77	1	0	1	87
512 IMP GRADES FRST PROD	5	1.4	1.5	0	52	0	0	0	0	0	52	14	0	37	0	1	0	104
513 PRICE ANAL FRST PROD	7	1.9	1.4	24	9	0	0	0	0	0	32	1	0	85	0	0	0	119
SUBTOTAL			38.0		92		0		0		840		119		42		345	
		33.2		748		0		0		0		104		1197		38		2685
SERIES 600																		
601 FGN MKT DEVELP	4	1.4	1.4	14	0	0	0	0	0	0	14	0	0	83	20	0	1	117
602 EVAL FGN FOOD AID PG	1	0.1	0.1	0	0	0	0	0	0	0	0	3	0	7	0	0	0	10
603 TECH AID DEV CNTY	15	17.0	22.7	0	0	0	0	0	0	0	0	23	20	305	79	4	906	1337
604 PRD DVLPMT/MKTG FRGN	3	0.0	1.5	8	0	0	0	0	0	0	8	0	0	22	3	0	6	39
SUBTOTAL			25.7		0		0		0		22		20		101		913	
		18.5		22		0		0		0		26		417		4		1502

SAES REGION 1 NORTHEAST REGION -- (INCLUDES SAES - OTHER INSTITUTIONS)

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SUPPORT SYS	STAFF YRS OTHER	MATH /REP	SCIN STEN	SP GT	CONF GI	EVNS ALLN	ANML HLTH	CTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 700																		
701 TOX RES IN FOOD	24	15.8	25.6	485	0	557	0	0	0	0	1042	0	0	462	1	60	22	1588
702 FOOD PROT FROM TOX	28	9.3	24.3	260	0	13	0	61	8	0	342	0	298	375	78	67	63	1223
703 FOOD CONSUMP HABITS	19	5.5	13.9	219	0	0	0	0	0	0	219	33	128	257	100	2	9	788
704 HOME CONS FOOD SERV	8	5.5	4.7	102	0	0	0	0	0	0	102	33	77	144	16	34	17	423
705 SEL CARE CLOTH & TEX	4	1.1	2.4	79	0	0	0	0	0	0	79	0	0	54	18	0	0	151
706 CONTR INSECTS AFF HA	34	11.6	22.4	280	4	0	0	0	0	0	284	22	113	542	34	14	161	1171
707 TRANS ANIML HAN DIS	12	8.8	17.3	43	0	0	0	0	0	0	43	2	475	277	277	15	91	1180
708 HUMAN NUTRITION	84	29.2	117.2	603	0	0	764	89	0	0	1455	378	939	1121	243	41	114	4291
709 REDUCE HAZ HLTH & SF	14	3.6	4.1	42	0	0	0	0	0	0	42	0	19	158	52	63	73	407
SUBTOTAL			231.8		4		764		8		3609		2050		819		550	
		90.9		2113		570		150		0		468		3431		296		11223
SERIES 800																		
801 RURAL HOUSING	11	3.1	1.9	40	0	0	0	0	0	0	40	0	29	117	33	0	13	232
802 INDIV & FAM DEC MAKI	30	11.4	25.8	155	0	0	0	105	0	0	260	0	532	423	78	37	182	1512
803 RURAL POVERTY	2	0.5	2.1	0	0	0	0	79	0	0	79	0	9	2	4	1	1	96
804 ECON POTENT RURL REG	17	3.5	6.4	56	0	0	0	56	0	0	112	32	40	158	12	15	36	406
805 COMMUNICAT EDUC PROC	39	11.3	11.0	124	23	0	0	39	0	0	186	0	91	414	43	2	104	840
806 ADJUSTMENT TO CHANGE	20	7.8	12.3	232	0	0	0	39	0	0	272	0	192	323	41	2	19	848
807 AGRIC ECONOMIC CHANG	9	2.1	2.6	61	0	0	0	0	0	0	61	7	0	88	0	1	2	158
808 GOV T PROGRAMS	3	0.9	0.6	11	0	0	0	0	0	0	11	0	0	39	0	0	0	50
SUBTOTAL			62.8		23		0		0		1020		893		211		357	
		41.2		679		0		319		0		39		1564		58		4142
SERIES 900																		
901 ALLEV POLLUTION	111	30.8	62.1	858	43	0	0	84	0	0	985	35	1196	1501	69	190	177	4153
902 OUTDOOR RECREATION	30	8.8	11.8	130	67	0	0	0	0	0	197	37	53	496	17	6	142	949
903 MULTI USE FOREST POT	17	9.9	8.3	0	107	0	0	0	0	0	107	9	44	141	6	0	267	574
904 WLDLFE AND FISH ECOL	120	35.6	80.4	352	182	168	0	159	17	0	877	48	863	1342	222	187	844	4383
905 TREES BEAUTIFICATION	19	5.4	7.7	48	10	0	0	0	0	0	58	31	0	291	37	24	18	461
906 ORNAMENT & TURF DEV	111	33.5	78.7	930	0	0	0	0	0	0	930	40	46	2139	58	375	74	3661
907 RURAL INCOME INP	30	11.1	20.8	537	3	96	0	0	0	0	636	24	9	377	18	7	14	1084
908 RURAL INSTITUT INP	49	14.4	20.8	452	0	0	0	0	0	0	452	78	16	503	24	6	75	1153
SUBTOTAL			290.6		411		0		17		4241		2227		451		1611	
		149.4		3307		264		243		0		302		6789		795		16417
SCIENCE IN SERV OF MAN																		
GRAND TOTAL			2617.1		2351		2177		662		33841		19493		7503		10910	
		1173.2		25131		2338		1181		0		3171		59407		7658		141983

TABLE IV-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	HATH /RRP	NCIM STEN	SP GT	COMP GT	EVNS ALLN	ANNL HITH	OTH CSBS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	337	107.9	344.6	1863	121	59	0	702	0	0	2745	204	600	7240	401	712	1250	13152
0200 WATER	232	59.7	172.2	962	46	33	0	542	0	0	1583	431	302	4281	133	556	259	7545
0300 WATERSHEDS RIVER BAS	53	15.3	36.0	204	148	58	0	184	0	0	594	83	32	754	24	70	16	1573
0400 AIR AND CLIMATE	25	3.2	12.1	140	0	1	0	0	0	0	140	10	32	251	10	6	26	476
0500 RECREATION RESOURCES	22	6.9	31.1	37	87	0	0	0	0	0	125	86	43	584	10	87	0	935
0600 TIMBER FORST PRODUCT	443	165.6	502.7	415	3476	113	0	168	0	0	4173	1643	943	10926	261	2587	983	21516
0700 RANGE	49	23.3	63.2	243	0	0	8	22	0	0	273	65	1	1688	187	166	3	2383
0800 WILDLIFE AND FISH	234	88.7	294.6	890	311	392	0	594	63	0	2250	500	1779	5576	445	1298	1342	13190
0900 CITRUS SUB TROP FRUT	129	62.0	208.9	686	0	9	46	0	0	0	742	247	222	5433	89	155	287	7175
1000 FRUIT NUTS DECIDUOUS	318	103.5	368.9	2105	0	113	3	400	0	0	2621	277	165	10522	418	355	202	14561
1100 POTATOES	41	6.5	19.8	111	0	0	0	5	0	0	117	2	7	637	18	14	26	821
1200 VEGETABLES	551	197.3	652.4	3432	0	135	131	1851	0	0	5549	558	283	16349	593	675	914	24921
1300 ORNAMENTALS TURF	230	100.1	262.0	1729	0	8	0	21	0	0	1757	104	20	7871	237	503	288	10780
1400 CORN	306	60.5	207.1	1333	0	36	32	62	0	0	1463	219	312	5361	283	482	340	8459
1500 GRAIN SORGHUM	160	34.4	128.9	600	0	0	0	15	0	0	615	92	35	3458	212	237	664	5312
1600 RICE	104	38.5	98.6	474	0	4	0	0	0	0	477	68	23	3404	225	1047	297	5541
1700 WHEAT	178	40.2	120.4	698	0	3	0	89	0	0	791	82	28	3703	242	456	205	5507
1800 OTHER SMALL GRAINS	85	14.1	50.4	306	0	0	28	169	0	0	503	13	8	1189	52	109	50	1924
1900 PASTURE	91	21.0	91.9	703	0	13	0	64	0	0	780	229	11	1784	187	101	29	3120
2000 FORAGE CROPS	352	108.9	364.1	2530	6	33	74	513	0	0	3156	290	128	10076	1102	455	249	15456
2100 COTTON	271	97.4	320.2	1964	0	97	47	152	0	0	2260	428	114	8043	659	1756	399	13660
2200 COTTONSEED	11	2.0	9.3	23	0	0	0	0	0	0	23	10	42	131	3	11	0	219
2300 SOYBEANS	492	136.4	475.3	3094	0	182	96	1270	0	0	4642	468	141	11474	662	1257	1243	19887
2400 PEANUTS	150	44.7	166.7	593	0	10	41	308	0	0	951	91	174	4370	331	350	388	6655
2500 OTHER CILSEED CROPS	19	5.6	18.3	95	0	0	0	145	0	0	240	3	2	394	18	20	6	683
2600 TOBACCO	137	48.0	188.3	917	0	377	19	42	0	0	1355	93	23	6175	298	186	425	8554
2700 SUGAR CROPS	77	33.4	137.5	810	0	38	38	36	0	0	923	99	54	2648	230	141	34	4130
2800 MISC NEW CROPS	59	11.7	54.4	354	0	15	0	0	0	0	368	2	31	990	64	209	40	1705
2900 POULTRY	321	112.3	452.3	2551	0	208	0	750	228	0	3736	116	452	11370	620	805	544	17643
3000 BEEF CATTLE	605	188.0	750.3	4928	0	382	0	950	598	0	6859	984	443	22443	4311	1658	467	37165
3100 DAIRY CATTLE	392	108.8	455.6	3347	0	530	0	320	254	0	4451	322	313	12917	3072	993	769	22837
3200 SWINE	260	70.3	282.6	2145	0	348	0	909	183	0	3585	307	334	8055	1613	400	200	14495
3300 SHEEP AND WOOL	108	23.5	90.5	456	0	107	0	223	24	0	811	129	15	2155	146	155	60	3475
3400 OTHER ANIMALS	177	60.0	206.1	606	0	79	0	1497	196	0	2378	59	578	4380	119	506	805	8823
3500 BEES AND HONEY	9	3.5	12.5	43	0	0	0	33	0	0	76	108	45	193	0	15	8	446
3600 FARM SUPP & FACILITS	27	5.9	13.3	31	12	11	30	15	0	0	100	0	10	680	31	47	11	879
3700 CLOTHING & TEXTILES	21	8.2	8.7	133	0	0	0	241	0	0	374	0	6	265	2	0	8	655
3800 FOOD	138	51.3	136.5	1175	0	132	153	877	0	0	2337	69	278	2814	66	241	186	5951
3900 HOUSING & EQUIP	67	20.9	50.2	460	29	203	0	80	0	0	773	16	62	1516	17	55	37	2477
4000 PEOPLE AS INDIVIDUAL	161	56.3	144.7	892	0	178	0	2141	0	0	3211	154	193	2173	29	294	107	6161
4100 FAMILY MEMBERS	82	25.2	47.8	456	0	41	0	964	0	0	1461	4	0	701	3	4	14	2186
4200 FARM AS BUSINESS	103	29.8	55.8	492	0	7	0	273	0	0	772	34	39	1660	30	101	15	2650
4300 SOC POLIT ORGANIZ	95	38.0	74.5	672	0	79	0	992	0	0	1743	97	83	1146	21	171	30	3290
4400 AGRIC ECONOMY U S	48	17.9	42.4	260	0	0	0	218	0	0	478	102	21	1069	14	21	58	1764
4500 AGRIC ECONOMY FORGN	1	0.1	0.0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4
4600 FARM COOPERATIVES	10	2.2	2.2	38	0	0	0	0	0	0	38	2	0	75	0	4	5	125
4700 OTH MARKET PROCESS	11	1.7	4.3	58	0	0	0	0	0	0	58	1	0	73	1	0	2	136
4800 MARKETING SYSTEMS	25	6.1	16.8	125	0	0	0	0	0	0	125	39	4	410	4	15	9	606
6100 WEEDS	34	7.7	20.9	138	0	8	68	0	0	0	214	2	35	592	19	87	57	1005
6200 SEED RESEARCH	15	4.2	11.8	89	0	0	0	0	0	0	89	9	26	266	12	17	15	433
6300 BIO CELL SYSTEMS	62	23.2	78.1	338	0	0	79	251	0	0	668	34	692	1339	38	327	50	3147
6400 EXP DESIGN/STAT METH	17	6.0	17.9	21	0	0	0	0	0	0	21	2	118	429	0	12	128	709
6500 INVERTEBRATES	77	25.9	72.4	462	0	1	57	73	0	0	593	107	499	1737	41	198	166	3340
6600 MICROORGANISMS VIRUS	92	28.9	85.0	342	13	2	159	117	0	0	633	60	537	2211	12	629	321	4403
6700 PLANTS	245	68.4	253.0	1025	0	661	488	91	0	0	2265	268	580	6183	776	1319	576	11967
6800 ANIMALS(VERTEBRATES)	97	24.8	90.7	330	0	45	0	87	39	0	501	107	1085	2872	48	219	127	4958
6900 RESEARCH ON RSCH PGM	9	10.8	10.9	23	0	0	0	0	0	0	23	161	74	554	2	25	144	983
7000 RSCH EQUIP & TECHNOL	33	4.6	11.7	53	18	0	0	0	0	0	71	5	123	358	1	53	57	667
TOTAL		2672.0	8895.7	49002	4267	4750	1595	18460	1585	0	79659	9697	12200	225952	18441	22374	14938	383262

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YRS	STAFF OTHER	MATH /RRP	NCIN STEM	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	68	25.2	84.4	396	9	1	0	43	0	0	450	26	45	1936	57	216	239	2968
102 SOIL PLNT WTR NUTRI	250	86.7	292.6	1373	111	36	3	594	0	0	2119	304	178	6678	492	527	823	11121
103 MGMT OF SALINE SOILS	16	3.0	18.6	68	0	0	0	0	0	0	68	0	1	385	27	50	7	539
104 ALTERN USE OF LAND	31	10.4	20.4	219	14	0	0	0	0	0	233	7	10	446	7	33	223	959
105 CONSERV USE OF WATER	106	28.6	102.8	528	15	0	3	40	0	0	587	258	46	2579	120	248	84	3921
106 DRAIN AND IRRIGATION	42	14.0	50.7	298	0	1	0	0	0	0	299	82	17	1195	43	66	105	1808
107 WATERSHED PROT & MGM	52	18.5	52.6	332	173	0	0	62	0	0	566	118	92	1028	46	78	51	1980
108 ECON LEG PROB OF WAT	12	2.7	4.8	33	3	0	0	0	0	0	35	7	2	133	1	1	5	183
109 WEATHER ADAPT & MOD	36	9.3	28.4	190	12	2	0	28	0	0	232	61	532	602	20	82	90	1619
110 APPRAIS FORST & RANG	38	10.6	20.0	13	161	0	0	18	0	0	192	81	8	427	7	45	20	780
111 BIOL CULT MGMT FORST	152	45.9	136.9	54	1164	6	0	66	0	0	1290	400	124	2963	100	978	181	6035
112 IMPROV RANGE RESOR	36	15.1	45.3	149	0	0	0	0	0	0	149	56	0	1139	147	114	1	1605
113 REMOTE SENSING	13	2.8	8.7	3	31	0	0	40	0	0	74	2	0	191	9	57	23	355
114 RSCH ON MGMT OF RSCH	9	10.8	10.9	23	0	0	0	0	0	0	23	161	74	554	2	25	144	983
SUBTOTAL			877.3		1692		6		0		6315		1128		1078		1995	
		283.5		3679		46		892		0		1563		20257		2520		34855
SERIES 200																		
201 CNTRL FORST INSECTS	45	10.9	44.8	68	226	5	0	0	0	0	299	302	165	687	15	40	79	1587
202 CONTROL FOREST DIS	49	11.6	29.6	86	240	2	0	0	0	0	328	125	37	803	7	96	33	1429
203 FOREST FIRE PROTECT	3	0.7	1.3	0	0	0	0	0	0	0	0	15	0	46	0	0	0	61
204 CNTR PESTS FRT & VEG	135	36.1	126.2	728	0	7	69	21	0	0	825	439	64	3075	113	209	312	5037
205 CNTR DISE FRT & VEG	275	83.5	296.7	1093	0	93	67	100	0	0	1353	335	142	7932	222	244	207	10433
206 CNTR WEEDS FRT & VEG	58	13.7	53.8	196	0	12	73	28	0	0	309	29	23	1313	47	118	70	1910
207 CNTR PESTS FLD CROPS	266	99.0	383.5	2311	0	47	53	278	0	0	2689	560	83	7586	296	1400	736	13350
208 CNTR DIS FIELD CROPS	337	107.4	333.9	2062	0	47	182	407	0	0	2698	426	69	8922	315	1016	868	14316
209 CNTR WEEDS FLD CROPS	150	54.7	200.6	1126	0	85	8	188	0	0	1406	107	59	5096	359	1029	351	8408
210 CONTR PESTS ANIMALS	57	16.4	47.4	368	0	53	0	127	98	0	647	247	109	1317	70	180	73	2643
211 CONTR DIS ANIMALS	339	116.3	342.3	1143	0	718	0	268	1065	0	3194	863	1438	12167	581	1242	240	19726
212 CNTR INTER PARASITES	56	17.7	60.3	151	0	208	0	0	146	0	505	50	71	1724	118	311	188	2968
213 PROT ANMLS FROM TOXI	57	23.3	73.9	261	0	22	0	47	102	0	433	206	337	1955	154	96	459	3641
214 PROTECT FROM POLLUTI	71	14.5	57.2	149	12	38	0	188	6	0	393	157	621	1146	12	260	259	2849
SUBTOTAL			2011.5		478		450		1418		15080		3219		2310		3876	
		605.9		9743		1338		1653		0		3860		53771		6244		88359
SERIES 300																		
301 GENET BREED FORST TR	54	20.4	73.6	69	495	0	0	75	0	0	638	62	162	1373	50	540	55	2882
302 IMP FOREST ENG SYS	12	5.9	19.6	0	88	0	0	0	0	0	88	110	11	261	15	116	78	678
303 ECON TIMBER PRODUCTN	26	10.4	34.2	5	272	0	0	0	0	0	277	85	107	734	10	101	80	1394
304 IMP BIO EFF FRT & VE	410	131.6	485.1	2247	0	61	46	1403	0	0	3757	221	215	12743	524	318	439	18217
305 MECH PROD FRT & VEGS	59	15.2	42.4	256	0	0	0	16	0	0	273	11	27	1359	17	48	51	1785
306 PROD MGMT SYS F & V	57	9.1	37.3	174	0	22	0	29	0	0	225	8	67	1036	35	23	6	1401
307 IMP BIC EFF FLD CRP	652	257.2	982.5	5260	0	143	188	1313	0	0	6905	544	563	27116	2628	2102	1865	41724
308 MECH PROD FIELD CROP	50	18.7	64.5	463	0	0	0	0	0	0	463	26	2	1776	257	158	100	2782
309 PROD MGMT SYS FLD CR	189	45.9	148.0	840	0	16	0	17	0	0	873	50	62	4900	628	443	221	7178
310 ANIMAL REPRODUCTION	185	70.1	305.5	2396	0	106	0	690	41	0	3232	72	391	7559	1592	591	257	13695
311 IMP BIC EFF ANML PR	492	175.3	928.1	5779	0	96	0	1951	34	0	7860	344	245	25287	4939	1732	1212	41618
312 ENV STRESS IN ANML P	75	17.5	63.5	512	0	8	0	70	11	0	601	1	43	1699	299	79	62	2783
313 PROD MGMT SYS ANML P	138	29.0	110.4	576	0	79	0	519	0	0	1173	31	2	3211	1247	64	69	5798
314 BEES CTR POLLNTNG IN	9	3.5	12.5	43	0	0	0	33	0	0	76	108	45	193	0	15	8	446
315 IMP STRUC FARM SUPP	46	12.7	33.8	220	12	38	30	15	0	0	315	4	29	1373	19	86	17	1843
316 FARM BUSINESS MGMT	81	22.9	41.8	343	0	7	0	142	0	0	491	29	38	1295	26	80	10	1969
317 MECH/STRUCTS ANML PR	29	7.6	27.5	191	0	0	0	0	0	0	191	1	3	845	59	35	16	1150
318 NON COM BIO TECH/EIM	305	110.0	331.3	1423	43	11	697	375	0	0	2549	296	1993	7774	165	1924	675	15376
SUBTOTAL			3741.7		911		962		86		29988		4006		12510		5221	
		963.1		20795		587		6648		0		2005		100535		8455		162719
SERIES 400																		
401 NEW IMP FOREST PRCD	60	33.3	95.2	10	542	100	0	0	0	0	653	233	136	2406	24	458	458	4368
402 PROD F & V IMP ACCEP	103	18.3	65.5	321	0	5	0	126	0	0	452	27	2	1819	65	45	29	2438
403 NEW & IMP F & V PROD	65	22.1	64.3	577	0	20	0	66	0	0	663	10	10	1673	42	104	219	2721
404 MKT QUAL FRTS & VEGS	44	13.3	31.1	358	0	0	0	0	0	0	358	0	1	903	6	38	15	1322
405 PROD FLD CROP IMP AC	106	30.4	121.8	650	0	23	24	101	0	0	838	68	1	3076	416	179	105	4682
406 NEW IMP FOOD FLD CRO	39	11.9	42.7	201	0	0	0	141	0	0	342	0	17	830	41	47	34	1310
407 NEW IMP NON FOOD FC	39	13.5	42.4	276	0	28	0	5	0	0	309	39	93	994	56	224	41	1755
408 MKT QUAL FIELD CROPS	33	10.4	23.1	206	0	0	0	0	0	0	206	33	15	792	47	43	16	1151
409 PROD ANML PR IMP ACC	66	17.2	57.6	452	0	371	0	458	0	0	1281	25	34	1130	136	90	44	2740
410 IMP MEAT MILK EGG PR	95	32.4	108.3	886	0	8	0	99	0	0	994	17	74	2515	491	186	124	4401
411 IMP NON FOOD ANML PR	6	1.4	8.5	52	0	0	0	40	0	0	93	46	7	76	1	4	1	225
412 MKT QUAL ANIMAL PROD	39	11.3	43.8	335	0	13	0	95	0	0	442	70	58	1040	26	39	59	1734
SUBTOTAL			704.3		542		24		0		6630		449		1351		1146	
		215.6		4364		569		1131		0		569		17253		1456		28853
SERIES 500																		
501 IMP GRADES & STANDS	25	8.2	33.6	311	0	0	0	29	0	0	340	2	0	589	129	46	19	1124
502 MKTG TIMBER PRODUCTS	15	2.6	9.3	29	21	0	0	0	0	0	50	114	58	205	2	43	0	471
503 MKTG EFF AGRI PRODS	65	20.0	41.8	641	0	3	0	0	0	0	644	82	34	984	14	21	32	1811
506 SPLY DEMAND AND PRIC	88	30.9	65.7	862	0	14	0	48	0	0	924	56	44	1579	45	29	44	2719
507 COMP REL IN AGRIC	25	4.8	9.8	62	0	0	0	0	0	0	62	15	36	324	1	4	7	449
508 DOMESTIC MKT DEVELP	15	3.0	2.4	74	0	0	0	53	0	0	127	1	0	130	2	0	1	262
509 PERFORMANCE MKTG SYS	52	21.5	38.0	530	0	4	0	0	0	0	534	23	19	1114	9	25	48	1772
510 GROUP ACT MKT POWER	5	0.5	1.0	15	0	0	0	0	0	0	15	1	0	24	0	2	0	42
511 IMP AGRIC STATISTICS	7	1.2	5.8	13	0	0	0	0	0	0	13	3	0	62	0	1	117	195
512 IMP GRADES FRST PROD	4	0.5	0.2	0	20	0	0	0	0	0	20	12	6	19	0	0	1	58
513 PRICE ANAL FRST PROD	7	2.0	6.1	1	36	0	0	0	0	0	37	7	20	121	7	6	1	198
SUBTOTAL			213.8		77		0		0		2766		217		209		269	
		95.2		2539		21		129		0		315		5152		175		9103
SERIES 600																		
601 FGN MKT DEVELP	12	4.0	13.8	136	15	0	0	0	0	0	152	18	2	193	2	8	0	375
603 TECH AID DEV CRTY	16	10.1	16.6	2	0	21	0	0	0	0	23	0	16	65	1	4	72	181
604 PRD DVLPMT/MKTG PFGN	3	0.2	0.5	5	0	0	0	0	0	0	5	2	0	9	0	2	0	18
SUBTOTAL			31.0		15		0		0		179		18		3		73	
		14.3		143		21		0		0		21		267		14		575

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YRS	STAFF OTHER	MATH /RMP	MCIN STEM	SP GT	COMP GT	EVNS ALLN	ANML HLTH	CTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 700																		
701 TOX RES IN FOOD	55	20.4	59.7	401	0	667	0	448	10	0	1523	9	247	938	23	48	59	2847
702 FOOD PRCT FROM TOX	61	22.7	84.1	573	0	66	0	153	8	0	800	117	48	1625	127	126	62	2905
703 FOOD CONSUMP HABITS	43	13.1	24.2	218	0	162	1	612	0	0	993	19	10	401	2	32	23	1479
704 HOME CONS FOOD SERV	11	1.7	4.4	28	0	0	0	12	0	0	40	0	0	144	6	4	8	201
705 SEL CARE CLOTH & TEX	20	6.9	6.4	94	0	0	0	241	0	0	335	0	2	185	1	0	1	524
706 CONTR INSECTS AFF HA	31	8.3	26.5	128	0	0	0	0	0	0	128	112	48	631	14	130	79	1142
707 TRANS ANIML HAN DIS	8	1.0	1.8	9	0	0	0	0	0	0	9	1	102	55	0	14	0	181
708 HUMAN NUTRITION	125	42.2	126.4	671	0	8	152	1203	0	0	2033	51	512	2431	24	196	191	5438
709 REDUCE HAZ HLTH & SF	21	6.9	20.9	110	0	380	0	49	0	0	539	11	8	398	4	86	54	1100
SUBTOTAL			354.3		0		153		18		6399		976		200		478	
		123.2		2231		1283		2714		0		320		6808		635		15817
SERIES 800																		
801 RURAL HOUSING	21	6.1	11.8	175	0	166	0	80	0	0	422	0	0	316	2	5	4	748
802 INDIV & FAM DEC MAKI	48	14.1	27.3	188	0	9	0	678	0	0	875	10	13	383	1	2	4	1288
803 RURAL POVERTY	25	12.4	30.0	75	0	0	0	523	0	0	998	2	0	83	4	1	1	1088
804 ECON POTENT RURL REG	34	15.2	47.5	158	0	56	0	783	0	0	998	15	1	179	2	8	5	1208
805 COMMUNICAT EDUC PROC	20	11.2	16.8	48	0	34	0	277	0	0	359	0	2	949	0	0	44	1355
806 ADJUSTMENT TO CHANGE	50	15.9	26.8	469	0	42	0	194	0	0	704	0	0	413	8	301	3	1429
807 AGRIC ECONOMIC CHANG	57	24.2	50.7	409	0	0	0	434	0	0	842	84	23	1259	10	1	65	2284
808 GOV T PROGRAMS	11	3.2	5.3	27	0	0	0	0	0	0	27	20	0	226	3	22	3	301
SUBTOTAL			216.1		0		0		0		5225		40		30		127	
		102.2		1548		307		3369		0		131		3808		340		9700
SERIES 900																		
901 ALLEV POLLUTION	167	59.7	150.6	905	64	145	0	575	0	0	2089	276	422	3788	57	770	250	7652
902 OUTDOOR RECREATION	20	7.7	36.3	36	79	0	0	0	0	0	115	133	80	701	9	91	16	1147
903 MULTI USE FOREST PCT	34	8.0	13.6	5	122	0	0	0	0	0	127	14	61	398	8	57	11	676
904 WLDLFE AND FISH ECOL	194	71.8	241.9	732	286	352	0	486	63	0	1920	252	1522	4695	414	1139	1177	11120
905 TREES BEAUTIFICATION	16	4.3	11.6	65	0	0	0	0	0	0	65	83	0	347	20	62	0	577
906 ORNAMENT & TURF DEV	222	96.0	244.5	1670	0	8	0	21	0	0	1699	104	20	7498	225	414	289	10249
907 RURAL INCOME IMP	29	8.0	20.2	254	0	40	0	95	0	0	389	15	8	289	9	2	0	712
908 RURAL INSTITUT IMP	42	13.5	26.9	292	0	34	0	347	0	0	674	36	36	385	9	0	10	1149
SUBTOTAL			745.8		551		0		63		7077		2148		750		1754	
		269.1		3960		579		1923		0		913		18101		2536		33280
SCIENCE IN SERV OF MAN GRAND TOTAL			8895.7		4267		1595		1585		79659		12200		18441		14938	
		2672.0		49002		4750		18460		0		9697		225952		22374		383262

SAES REGION 3 NORTH CENTRAL REGION -- (INCLUDES SAES - OTHER INSTITUTIONS)

TABLE IV-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YRS	STAFF OTHER	MATH /PHYS	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANMI HITH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	342	109.9	271.8	2328	69	19	14	0	0	0	2430	1175	1050	8109	821	1415	722	15722
0200 WATER	179	35.7	91.0	682	8	12	0	0	0	0	701	279	449	2985	193	200	228	5037
0300 WATERSHEDS RIVER BAS	31	6.9	20.5	128	85	0	0	0	0	0	213	118	43	546	12	63	12	1006
0400 AIR AND CLIMATE	45	13.2	57.5	374	9	0	0	0	0	0	383	88	830	985	103	71	33	2494
0500 RECREATION RESOURCES	30	6.3	13.7	110	39	0	0	0	0	0	148	29	77	385	2	9	126	776
0600 TIMBER FORST PRODUCT	265	94.9	227.5	574	2012	105	0	0	0	0	2690	696	586	6454	222	1413	678	12740
0700 RANGE	50	13.6	25.7	232	0	2	0	58	0	0	292	33	19	993	310	50	88	1785
0800 WILDLIFE AND FISH	108	22.4	76.3	330	52	3	0	0	3	0	387	30	1029	1598	92	353	491	4380
0900 CITRUS SUB TROP FRUT	1	0.1	0.3	0	0	0	0	0	0	0	0	0	3	3	1	0	0	7
1000 FRUIT NUTS DECIDUOUS	132	39.2	127.2	1144	0	99	23	0	0	0	1266	141	53	4296	209	461	166	6593
1100 POTATOES	87	21.1	59.7	772	0	24	20	0	0	0	816	0	91	1803	89	322	67	3189
1200 VEGETABLES	240	60.5	167.7	1867	0	143	26	300	0	0	2336	231	533	5519	202	683	410	9913
1300 ORNAMENTALS TURF	119	38.8	98.8	937	0	0	0	0	0	0	937	46	63	3544	142	483	204	5380
1400 CORN	497	115.5	406.5	3223	0	115	376	0	0	22	3736	846	1332	9078	1034	1898	563	18487
1500 GRAIN SORGHUM	136	25.8	110.8	380	0	16	0	0	0	0	397	330	604	1800	463	313	127	4034
1600 RICE	8	2.5	9.4	6	0	0	0	0	0	0	6	0	0	472	1	32	16	526
1700 WHEAT	276	73.4	216.7	1420	0	11	81	0	0	0	1511	401	694	5678	815	890	376	10366
1800 OTHER SMALL GRAINS	158	32.0	82.3	664	0	1	34	0	0	0	699	143	19	2441	153	707	415	4577
1900 PASTURE	19	1.9	13.1	136	0	0	0	0	0	0	136	12	0	358	24	10	6	547
2000 FORAGE CROPS	212	47.9	170.5	1621	0	33	37	0	0	0	1691	688	354	4212	603	469	95	8112
2100 COTTON	4	1.6	3.8	57	0	0	0	0	0	0	57	0	0	93	16	39	29	235
2200 COTTONSEED	1	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 SOYBEANS	365	80.0	279.1	2084	0	415	182	45	0	0	2725	400	635	6283	773	1870	545	13232
2400 PEANUTS	4	0.2	0.7	0	0	3	0	0	0	0	3	0	18	22	0	22	0	65
2500 OTHER OILSEED CROPS	77	15.6	27.6	235	0	93	12	0	0	0	340	52	90	1191	87	99	96	1955
2600 TOBACCO	9	1.5	5.5	38	0	0	5	0	0	0	39	10	5	190	2	25	3	273
2700 SUGAR CROPS	30	6.1	16.1	85	0	26	0	0	0	0	112	5	35	590	29	81	79	930
2800 MISC NEW CROPS	31	6.5	20.5	171	0	0	0	0	0	0	171	29	13	541	10	187	85	1036
2900 POULTRY	176	48.9	177.2	1949	0	137	0	149	116	0	2351	112	401	4774	487	237	394	8756
3000 BEEF CATTLE	462	131.6	676.2	3907	0	540	0	228	522	0	5197	1064	1102	12346	10091	1283	382	31464
3100 DAIRY CATTLE	419	97.8	406.1	3144	0	472	0	0	423	0	4039	534	1017	11364	2025	1850	377	21206
3200 SWINE	341	95.6	392.5	2943	0	296	0	91	547	0	3877	354	511	9581	3353	885	2087	20648
3300 SHEEP AND WOOL	100	21.2	93.0	674	0	3	0	117	54	0	848	55	140	2998	753	122	43	4959
3400 OTHER ANIMALS	124	26.6	92.8	594	0	12	16	42	125	0	790	2	740	1940	198	314	257	4241
3500 BEES AND HONEY	6	1.6	1.9	25	0	0	0	0	0	0	25	0	2	168	0	0	12	207
3600 FARM SUPP & FACILITS	46	10.1	29.0	264	0	100	0	0	0	0	364	23	170	897	429	150	50	2083
3700 CLOTHING & TEXTILES	29	8.9	12.0	207	0	0	0	0	0	0	207	18	1	504	1	2	2	734
3800 FOOD	191	46.2	139.3	1393	0	24	527	80	0	0	2025	207	1317	3206	172	1330	273	8530
3900 HOUSING & EQUIP	69	16.8	34.7	280	3	51	0	0	0	0	335	170	144	1262	143	108	116	2277
4000 PEOPLE AS INDIVIDUAL	143	32.6	84.3	635	8	0	0	305	0	0	947	54	870	2159	53	339	27	4449
4100 FAMILY MEMBERS	91	23.8	44.3	519	0	0	0	19	0	0	539	52	263	1837	43	67	12	2812
4200 FARM AS BUSINESS	71	23.4	47.8	445	0	0	0	0	0	0	445	93	114	1457	62	16	39	2226
4300 SOC POLIT ORGANIZ	114	36.1	87.1	1036	12	119	0	0	0	0	1167	93	36	1992	157	74	458	3977
4400 AGRIC ECONOMY U S	57	12.8	36.5	410	0	101	0	0	0	0	512	335	68	1075	56	18	21	2084
4500 AGRIC ECONOMY FORGN	15	3.2	17.4	61	0	0	0	0	0	0	61	126	132	190	20	6	20	554
4600 FARM COOPERATIVES	14	2.9	5.3	63	0	0	0	0	0	0	63	20	7	155	7	4	7	263
4700 OTH MARKET PROCESS	17	3.8	5.3	64	0	0	0	0	0	0	64	33	1	168	6	4	11	287
4800 MARKETING SYSTEMS	49	15.8	22.8	479	0	25	0	0	0	0	504	73	11	746	22	13	56	1424
6100 WEEDS	19	3.2	19.5	57	0	6	0	0	0	0	102	59	65	349	40	90	16	721
6200 SEED RESEARCH	9	4.8	23.9	40	0	0	0	0	0	0	40	0	24	191	582	14	19	870
6300 BIO CELL SYSTEMS	104	35.3	130.9	764	0	0	145	0	0	0	909	62	2918	2532	36	410	47	6914
6400 EXP DESIGN/STAT METH	28	10.7	18.2	132	0	13	0	0	0	0	146	1067	53	743	28	52	21	2110
6500 INVERTEBRATES	55	19.4	37.7	433	8	5	24	0	6	0	476	26	275	1318	25	37	46	2202
6600 MICROORGANISMS VIRUS	123	45.3	125.2	499	0	36	823	0	3	0	1361	124	1731	1944	33	342	203	5739
6700 PLANTS	250	75.4	222.5	1198	0	604	1336	0	0	0	3138	283	873	5233	768	1013	657	11965
6800 ANIMALS(VERTEBRATES)	172	46.6	177.8	993	0	88	0	35	89	0	1205	84	2292	3951	507	423	550	9012
6900 RESEARCH ON RSCH PGM	12	2.4	4.5	199	0	0	0	0	0	0	199	2	20	132	1	0	0	355
7000 RSCH EQUIP & TECHNCL	35	7.9	17.9	124	9	0	0	0	0	0	134	6	724	566	12	57	31	1529
TOTAL		1783.7	5784.0	43167	2313	3751	3681	1469	1887	22	56291	10913	25047	145951	26523	21383	11893	298001

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YRS	STAFF OTHER	MATH /BEH	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	66	25.0	37.0	372	28	0	0	0	0	0	400	17	91	1576	133	690	172	3080
102 SOIL PLNT WTR NUTRI	219	72.7	184.8	1329	228	19	14	0	0	0	1589	621	485	5537	784	657	486	10160
103 MGMT OF SALINE SOILS	6	1.4	2.6	19	0	0	0	0	0	0	19	0	16	70	5	2	0	112
104 ALTERN USE OF LAND	58	13.3	27.6	324	33	6	0	0	0	0	363	172	158	1033	26	31	73	1855
105 CONSERV USE OF WATER	77	16.2	55.9	215	0	0	0	0	0	0	215	178	274	1319	165	61	83	2295
106 DRAIN AND IRRIGATION	47	10.3	17.7	221	0	0	0	0	0	0	221	46	28	894	72	34	29	1323
107 WATERSHED PROT & MGM	37	8.6	46.2	323	62	0	0	0	0	0	385	449	107	772	56	88	32	1889
108 ECON LEG PROB OF WAT	10	2.8	5.7	41	0	0	0	0	0	0	41	34	14	203	0	8	4	304
109 WEATHER ADAPT & MOD	49	14.2	64.8	413	15	0	0	0	0	0	428	109	925	1008	116	49	58	2692
110 APPRAIS FORST & RANG	32	6.5	20.9	59	174	6	0	0	0	0	240	50	13	568	18	51	117	1056
111 BIOL CULT MGMT FCPST	86	27.9	76.5	114	667	2	0	0	0	0	784	180	203	2003	115	514	196	3995
112 IMPROV RANGE RESOS	33	11.2	19.0	173	0	2	0	58	0	0	234	29	10	795	278	27	80	1453
113 REMOTE SENSING	12	2.9	5.0	8	11	0	0	0	0	0	19	13	119	281	17	0	25	474
114 RSCH ON MGMT OF RSCH	12	2.4	4.5	199	0	0	0	0	0	0	199	2	20	132	1	0	0	355
SUBTOTAL		215.7	568.3	3810	1218	36	14	58	0	0	5137	1899	2462	16190	1785	2214	1355	31043
SERIES 200																		
201 CNTRL FORST INSECTS	29	6.3	16.2	89	112	70	0	0	0	0	271	125	84	477	12	3	29	1000
202 CONTROL FOREST DIS	30	6.1	13.6	64	151	1	0	0	0	0	217	23	8	466	4	31	100	848
203 FOREST FIRE PROTECT	2	0.4	0.1	0	0	0	0	0	0	0	0	0	0	28	0	6	0	34
204 CNTR PESTS FRT & VEG	51	9.4	34.0	232	0	1	24	0	0	0	257	135	43	1129	14	257	92	1926
205 CNTR DISE FRT & VEG	130	30.2	73.3	952	0	177	144	0	0	0	1274	41	152	2221	56	382	141	4267
206 CNTR WEEDS FRT & VEG	27	5.3	20.9	137	0	2	0	0	0	0	139	0	12	644	14	67	19	895
207 CNTR PESTS FLD CROPS	150	41.2	129.2	1367	0	71	0	0	0	0	1439	438	79	3087	339	520	134	6037
208 CNTR DIS FIELD CROPS	234	62.4	177.8	1802	0	256	127	0	0	0	2185	375	260	4713	234	939	279	8985
209 CNTR WEEDS FLD CROPS	89	24.1	106.4	626	0	13	0	0	0	0	639	183	112	2319	357	665	194	4469
210 CONTR PESTS ANIMALS	43	9.5	30.8	232	0	75	0	0	30	0	337	77	16	592	127	72	6	1227
211 CONTR DIS ANIMALS	432	100.8	319.0	1829	0	635	0	0	1392	0	3856	702	1114	9890	774	714	554	17604
212 CNTR INTER PARASITES	40	8.7	22.3	122	0	90	0	0	89	0	301	65	10	845	50	46	47	1367
213 PROT ANMLS FROM TOXI	52	13.7	36.0	251	0	71	0	0	134	0	456	65	549	554	243	149	33	2450
214 PROTECT FROM POLLUTI	43	7.2	14.7	161	28	2	0	0	4	0	195	7	78	501	2	112	48	943
SUBTOTAL		325.3	994.4	7865	291	1466	295	0	1648	0	11565	2243	2518	27866	2227	3962	1677	52056
SERIES 300																		
301 GENET BREED FORST TR	30	9.7	18.6	90	267	0	0	0	0	0	357	39	4	722	20	74	90	1307
302 IMP FOREST ENG SYS	6	1.3	2.0	16	5	1	0	0	0	0	22	10	4	55	6	18	1	115
303 ECON TIMBER PRODUCTN	11	3.0	5.5	5	50	3	0	0	0	0	57	23	51	120	10	5	14	280
304 IMP BIO EFF FRT & VE	174	49.7	148.7	1602	0	74	66	300	0	0	2042	124	355	4944	288	513	274	8539
305 MECH PROD FRT & VEGS	17	4.1	6.0	126	0	2	0	0	0	0	128	0	72	350	3	7	16	576
306 PROD MGMT SYS F & V	23	2.7	8.0	104	0	0	0	0	0	0	104	3	24	384	9	11	21	557
307 IMP BIO EFF FLD CRP	491	205.1	698.5	3971	0	210	631	45	0	0	4857	1353	2869	16152	2712	3203	1280	32427
308 MECH PROD FIELD CROP	31	5.3	18.5	146	0	10	0	0	0	0	156	49	37	594	106	52	55	1049
309 PROD MGMT SYS FLD CR	86	16.4	51.8	414	0	5	0	0	0	0	419	76	51	1809	337	161	44	2896
310 ANIMAL REPRODUCTION	167	50.2	255.0	1930	0	210	0	424	120	0	2684	77	695	6406	1536	569	231	12199
311 IMP BIC EFF ANML PR	379	164.9	915.5	5694	0	271	0	143	77	0	6185	1010	1833	18141	11736	2625	2435	43966
312 ENV STRESS IN ANML P	45	10.5	66.5	312	0	27	0	0	17	0	356	35	0	944	657	45	58	2095
313 PROD MGMT SYS ANML P	96	19.4	94.4	774	0	8	0	0	0	0	781	51	38	2759	1046	177	55	4908
314 BEES OTH POLLNTNG IN	6	1.6	1.9	25	0	0	0	0	0	0	25	0	2	168	0	0	12	207
315 IMP STRUC FARM SUPP	57	13.5	34.6	264	0	155	0	0	0	0	419	110	137	1278	596	137	51	2728
316 FARM BUSINESS MGMT	53	17.4	31.7	253	0	0	0	0	0	0	253	44	58	1045	55	16	35	1545
317 MECH/STRUCTS ANML PR	24	7.0	13.6	115	0	0	0	0	0	0	115	0	124	465	73	3	87	868
318 NCN COM BIC TECH/EIM	374	144.9	429.8	2317	0	74	2132	0	0	0	4523	335	7598	8649	668	2180	439	24391
SUBTOTAL		726.5	2800.5	18157	322	1050	2829	911	215	0	23483	3341	13951	64987	19858	9797	5157	140653
SERIES 400																		
401 NEW IMP FOREST PROD	31	16.7	36.3	129	212	27	0	0	0	0	368	123	161	939	9	615	47	2261
402 PROD F & V IMP ACCEP	53	8.9	27.2	209	0	23	0	0	0	0	232	0	4	891	34	36	50	1246
403 NEW & IMP F & V PROD	46	7.8	20.0	309	0	23	0	0	0	0	333	0	35	659	28	137	45	1237
404 MKT QUAL FRTS & VEGS	23	6.7	16.5	227	0	23	0	0	0	0	251	9	12	544	17	132	43	1008
405 PROD FLD CROP IMP AC	103	29.5	116.3	727	0	13	0	0	0	0	741	322	304	2751	184	662	231	5194
406 NEW IMP FOOD FLD CRO	62	16.3	64.3	496	0	0	0	0	0	0	496	7	197	1357	108	173	350	2687
407 NEW IMP NON FOOD FC	48	9.8	30.5	183	0	131	0	0	0	22	336	104	42	871	120	36	119	1629
408 MKT QUAL FIELD CROPS	40	10.7	18.6	283	0	67	0	0	0	0	350	58	2	600	16	54	45	1124
409 PROD ANML PR IMP ACC	57	13.6	60.3	749	0	5	0	61	0	0	815	38	81	1173	712	120	31	2971
410 IMP MEAT MILK EGG PR	82	23.4	67.5	885	0	32	0	0	0	0	917	8	99	1556	313	337	149	3380
411 IMP NON FOOD ANML PR	13	2.8	9.3	79	0	80	0	0	0	0	159	18	1	152	0	0	1	331
412 MKT QUAL ANIMAL PROD	34	7.3	18.4	293	0	17	0	0	0	0	311	4	45	596	36	76	28	1095
SUBTOTAL		153.5	485.3	4570	212	443	0	61	0	22	5308	692	982	12089	1576	2378	1139	24164
SERIES 500																		
501 IMP GRADES & STANDS	7	2.0	9.9	17	0	0	0	0	0	0	17	10	0	91	0	100	31	249
502 MKTG TIMBER PRODUCTS	6	2.7	2.0	0	26	0	0	0	0	0	26	20	0	83	0	0	23	152
503 MKTG EFF AGRI PROTS	56	15.2	21.9	338	0	0	0	0	0	0	338	81	35	880	17	146	41	1538
506 SPLY DEMAND AND PRIC	41	8.1	28.3	246	0	0	0	0	0	0	246	180	2	668	57	29	27	1211
507 COMP REL IN AGRIC	23	5.2	12.4	188	0	51	0	0	0	0	239	10	50	241	20	0	30	591
508 DOMESTIC MKT DEVELP	7	1.5	1.4	15	0	0	0	0	0	0	15	5	0	158	2	28	0	209
509 PERFORMANCE MKTG SYS	53	21.8	36.2	585	0	76	0	0	0	0	661	121	3	996	40	11	88	1919
510 GROUP ACT MKT POWER	9	2.4	5.2	53	0	25	0	0	0	0	78	6	12	117	6	0	14	232
511 IMP AGRIC STATISTICS	11	3.5	4.1	75	0	0	0	0	0	0	75	1039	1	197	11	0	19	1342
512 IMP GRADES FRST PROD	1	0.1	0.6	0	0	0	0	0	0	0	0	18	0	14	0	7	0	39
513 PRICE ANAL FRST PROD	3	2.2	2.5	0	8	0	0	0	0	0	8	49	0	73	3	0	0	132
SUBTOTAL		64.7	120.5	1517	33	152	0	0	0	0	1702	1538	103	3518	157	322	274	7614
SERIES 600																		
601 FGN MKT DEVELP	27	7.1	19.0	191	1	0	0	0	0	0	192	76	155	371	15	30	35	914
602 EVAL FGN FOOD AID PG	2	0.2	0.4	7	0	0	0	0	0	0	7	0	0	10	0	0	0	18
603 TECH AID DEV CRTY	15	2.9	22.7	15	0	0	0	0	0	0	15	66	54	170	19	61	12	397
604 PRD DVLPMT/MKTG FFGN	3	0.0	0.5	0	0	0	0	0	0	0	0	0	13	7	0	0	0	20
SUBTOTAL		10.1	42.6	214	1	0	0	0	0	0	214	142	262	559	34	91	47	1349

SAES REGION 3 NORTH CENTRAL REGION -- (INCLUDES SAES - OTHER INSTITUTIONS)

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	MATH /REF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 700																		
701 TOX RES IN FOOD	30	9.4	31.8	161	0	369	0	0	15	0	545	29	72	530	21	40	46	1283
702 FOOD PROT FROM TOX	63	17.2	50.5	517	0	1	0	0	6	0	524	94	686	1248	87	715	127	3481
703 FOOD CONSUMP HABITS	42	8.8	18.2	146	0	0	0	73	0	0	219	96	4	447	30	73	1	870
704 HOME COMM FOOD SERV	27	5.5	14.3	239	0	0	0	0	0	0	239	0	0	355	33	33	19	679
705 SEL CAFE CLOTH & TEX	22	6.0	7.2	96	0	0	0	0	0	0	96	0	0	399	0	0	0	496
706 CONTR INSECTS AFF HA	21	6.6	13.4	122	0	0	0	0	0	0	122	34	51	413	1	37	10	668
707 TRANS ANIML MAN DIS	8	1.2	5.6	11	0	0	0	0	0	0	11	0	125	105	0	225	0	466
708 HUMAN NUTRITION	124	31.9	118.9	917	0	0	543	247	0	0	1708	1	1172	1856	94	187	431	5449
709 REDUCE HAZ HLTH & SF	20	4.1	6.2	103	0	0	0	0	0	0	103	12	209	154	5	9	0	492
SUBTOTAL			266.1		0		543		22		3567		2319		271		635	
		90.8		2312		370		320		0		267		5507		1319		13884
SERIES 800																		
801 RURAL HOUSING	13	2.7	4.6	33	0	0	0	0	0	0	33	0	1	203	10	7	0	255
802 INDIV & FAM DEC MAKI	58	16.4	30.4	389	0	0	0	0	0	0	389	26	13	1081	21	52	14	1596
803 RURAL POVERTY	5	1.0	2.1	48	0	0	0	0	0	0	48	0	0	33	2	0	0	83
804 ECON PCIENT RURL REO	18	3.2	9.0	62	0	0	0	119	0	0	181	4	0	188	12	0	9	394
805 COMMUNICAT EDUC PROC	40	9.1	16.4	100	8	0	0	0	0	0	108	1	0	1078	60	9	9	1264
806 ADJUSTMENT TO CHANGE	56	16.2	25.8	377	0	0	0	0	0	0	377	17	224	1106	19	16	4	1764
807 AGRIC ECONOMIC CHANG	58	15.0	36.6	460	0	101	0	0	0	0	561	104	14	1095	51	17	115	1957
808 GOV T PROGRAMS	21	4.3	14.4	127	0	0	0	0	0	0	127	156	7	287	0	1	4	582
SUBTOTAL			139.3		8		0		0		1823		260		176		156	
		68.0		1595		101		119		0		307		5070		101		7894
SERIES 900																		
901 ALLEV POLLUTION	119	29.2	98.2	908	2	12	0	0	0	0	921	248	555	2777	72	403	227	5204
902 OUTDOOR RECREATION	34	7.3	17.2	167	46	0	0	0	0	0	213	27	77	435	2	9	120	883
903 MULTI USE FOREST PDT	18	4.3	11.3	24	88	0	0	0	0	0	112	42	1	277	28	14	9	484
904 WLDLFE AND FISH ECOL	90	19.5	74.4	271	50	3	0	0	3	0	327	28	1419	1408	92	306	505	4085
905 TREES BEAUTIFICATION	28	4.4	12.7	45	41	0	0	0	0	0	86	6	0	420	10	8	14	544
906 ORNAMENT & TURF DEV	115	38.6	98.5	937	0	0	0	0	0	0	937	46	63	3525	146	440	203	5361
907 RURAL INCOME IMP	20	7.7	15.1	270	0	8	0	0	0	0	278	20	6	443	13	0	12	771
908 RURAL INSTITUT IMP	55	18.1	39.8	507	0	111	0	0	0	0	618	66	31	879	76	19	322	2011
SUBTOTAL			367.1		227		0		3		3491		2151		440		1413	
		129.2		3128		133		0		0		484		10164		1199		19343
SCIENCE IN SERV OF MAN GRAND TOTAL			5784.0		2313		3681		1887		56291		25047		26523		11893	
		1783.7		43167		3751		1469		22		10913		145951		21383		298001

TABLE IV-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SYS	STAFF YRS OTHER	MATH /BEF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANMI HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	332	104.5	251.4	1527	180	291	48	0	0	7	2054	830	1252	6600	475	1124	647	12982
0200 WATER	217	71.4	162.1	767	42	7	0	0	0	45	861	845	1135	5519	113	538	392	9402
0300 WATERSHEDS RIVER BAS	53	17.2	36.9	25	68	23	0	0	0	0	116	402	668	692	25	7	111	2021
0400 AIR AND CLIMATE	37	19.3	39.6	111	0	0	0	0	0	0	111	176	1062	877	149	57	4	2436
0500 RECREATION RESOURCES	51	13.6	20.8	134	144	0	0	0	0	0	278	80	357	607	48	30	27	1427
0600 TIMBER FORST PRODUCT	446	151.0	373.6	301	2036	102	73	0	0	0	2512	3236	2368	8945	1020	1602	730	20414
0700 RANGE	187	62.8	123.5	602	115	396	52	0	0	0	1166	931	1124	3708	297	165	404	7794
0800 WILDLIFE AND FISH	223	64.5	149.3	363	236	221	0	0	52	0	871	436	2203	3803	101	425	490	8329
0900 CITRUS SUB TROP FRUT	137	46.9	136.9	582	0	6	0	0	0	0	588	155	148	5968	26	385	115	7387
1000 FRUIT NUTS DECIDUOUS	303	110.1	284.1	1577	0	609	0	0	0	0	2186	188	255	10681	636	1398	1071	16415
1100 POTATOES	91	28.2	57.8	470	0	0	21	0	0	0	491	251	50	1947	199	231	479	3688
1200 VEGETABLES	391	114.6	299.2	1885	0	100	115	0	0	0	2100	739	902	10999	561	885	518	16704
1300 ORNAMENTALS TURF	140	46.0	107.6	589	0	0	0	0	0	0	589	252	104	4034	80	425	216	5699
1400 CORN	63	12.1	36.7	123	0	0	1	0	0	0	124	87	426	1094	16	106	21	1876
1500 GRAIN SORGHUM	27	4.7	12.1	56	0	0	0	0	0	0	56	5	70	517	4	31	34	717
1600 RICE	21	4.2	16.3	28	0	0	0	0	0	0	28	30	16	494	0	81	23	672
1700 WHEAT	188	57.8	139.3	883	0	458	1	0	0	0	1342	252	234	3549	437	433	699	6946
1800 OTHER SMALL GRAINS	151	35.4	89.5	588	0	13	4	0	0	0	605	250	285	2602	281	356	218	4595
1900 PASTURE	24	3.7	8.6	29	0	0	0	0	0	0	29	13	22	351	5	21	6	447
2000 FORAGE CROPS	241	68.7	164.8	1174	0	3	187	0	0	0	1363	615	1514	5046	248	311	301	9398
2100 COTTON	87	34.2	76.5	561	0	32	0	0	0	0	593	149	75	2857	34	467	26	4200
2200 COTTONSEED	4	1.3	4.1	43	0	0	0	0	0	0	43	76	0	133	0	32	20	304
2300 SOYBEANS	31	5.4	16.4	84	0	1	90	0	0	0	176	29	126	400	0	46	1	779
2400 PEANUTS	10	0.6	1.5	3	0	11	0	0	0	0	13	0	9	78	0	0	3	103
2500 OTHER OILSEED CROPS	49	8.9	35.5	200	0	16	0	0	0	0	216	94	191	903	42	216	15	1676
2700 SUGAR CROPS	55	8.8	16.7	103	0	63	0	0	0	0	165	81	45	580	18	149	57	1055
2800 MISC NEW CROPS	78	21.9	54.4	322	0	198	0	0	0	379	899	101	69	1095	132	359	162	2817
2900 POULTRY	101	34.0	97.3	455	0	91	0	0	73	0	619	4	246	2892	185	505	177	4627
3000 BEEF CATTLE	343	123.4	336.9	2982	15	192	0	0	436	0	3625	621	701	9700	2433	345	719	18145
3100 DAIRY CATTLE	221	62.4	165.5	1093	0	234	0	0	254	0	1581	230	136	5198	1755	316	394	9611
3200 SWINE	68	11.9	37.1	351	0	83	0	0	52	0	485	5	35	798	469	111	106	2009
3300 SHEEP AND WOOL	138	37.6	85.6	690	0	97	0	0	179	0	966	417	221	2673	333	115	245	4970
3400 OTHER ANIMALS	168	38.9	112.5	237	0	8	0	0	67	0	312	182	2559	1923	251	329	348	5904
3500 BEES AND HONEY	16	8.0	12.6	160	0	11	0	0	0	0	171	92	9	497	14	55	47	885
3600 FARM SUPP & FACILITS	12	2.1	5.4	37	0	0	0	0	0	0	37	27	1	182	11	8	172	438
3700 CLOTHING & TEXTILES	13	3.3	6.2	27	0	0	0	0	0	0	27	13	1	261	1	14	0	317
3800 FOOD	93	36.1	84.7	512	0	254	71	0	0	0	837	638	547	2293	76	239	32	4662
3900 HOUSING & EQUIP	50	10.7	15.9	143	39	60	0	0	0	0	242	62	80	643	14	61	59	1161
4000 PEOPLE AS INDIVIDUAL	151	41.0	91.0	460	12	34	0	0	0	0	506	584	615	2652	66	209	333	4964
4100 FAMILY MEMBERS	57	18.2	28.5	264	0	17	0	0	0	0	281	0	578	705	43	33	34	1674
4200 FARM AS BUSINESS	42	13.8	21.3	215	0	0	0	0	0	0	215	104	16	814	23	3	17	1191
4300 SOC POLIT ORGANIZ	77	17.2	24.5	264	0	34	0	0	0	0	298	44	49	1026	94	59	20	1591
4400 AGRIC ECONOMY U S	35	10.8	22.8	158	0	0	0	0	0	0	158	87	34	773	33	31	34	1149
4500 AGRIC ECONOMY FORGN	10	1.9	5.8	59	0	0	0	0	0	0	59	23	3	135	0	3	39	262
4600 FARM COOPERATIVES	7	0.7	1.6	10	0	0	0	0	0	0	10	15	1	63	3	2	0	95
4700 OTH MARKET PROCESS	6	1.1	2.5	18	0	0	0	0	0	0	18	18	4	87	5	8	0	140
4800 MARKETING SYSTEMS	13	3.4	4.3	46	0	0	0	0	0	0	47	15	18	199	33	4	79	395
6100 WEEDS	20	2.9	6.7	67	0	0	0	0	0	0	67	55	8	182	21	52	23	409
6200 SEED RESEARCH	21	13.3	42.6	91	0	0	0	0	0	0	91	108	241	481	97	213	496	1728
6300 BIO CELL SYSTEMS	79	34.2	80.2	215	0	0	97	0	0	1	313	202	2126	2080	66	162	128	5076
6400 EXP DESIGN/STAT METH	24	6.2	17.1	37	0	0	0	0	2	0	39	11	59	634	122	28	70	963
6500 INVERTEBRATES	108	46.5	122.0	414	0	0	1	0	0	0	416	29	1871	3271	25	415	56	6083
6600 MICROORGANISMS VIRUS	80	18.4	57.4	187	0	13	476	0	7	2	685	119	901	1557	15	47	60	3385
6700 PLANTS	278	93.0	242.8	1029	13	906	499	0	0	10	2457	686	2104	7632	283	803	414	14379
6800 ANIMALS(VERTEBRATES)	173	113.4	289.2	335	0	8	0	0	157	0	500	355	10305	7078	1362	336	403	20339
6900 RESEARCH ON RSCH PGM	21	13.3	39.0	205	0	3	0	0	0	0	209	2	11	4087	95	179	37	4620
7000 RSCH EQUIP & TECHNCL	40	11.7	23.2	101	9	35	0	0	0	0	145	93	229	648	35	685	32	1867
9900 UNCLASSIFIED	1	0.0	3.2	100	0	0	0	0	0	0	100	0	0	0	0	0	0	100
TOTAL		1947.1	4800.8	24090	2910	4630	1736	0	1277	445	35088	15143	38457	145204	12911	15252	11365	273419

SAES REGION 4 WESTERN REGION -- (INCLUDES SAES - OTHER INSTITUTIONS)

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	HATH /RBP	HCIN STEM	SP GT	COMP GT	EVNS ALLN	ANMI HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	50	16.6	36.4	201	10	14	0	0	0	0	225	140	298	844	30	98	150	1785
102 SOIL PLNT WTR NUTRI	190	56.2	137.2	844	244	131	48	0	0	7	1273	449	814	4003	318	446	229	7532
103 MGMT OF SALINE SOILS	39	12.2	38.5	150	0	0	0	0	0	0	150	88	75	1148	11	228	57	1757
104 ALTERN USE OF LAND	69	19.3	33.8	313	3	24	0	0	0	0	339	238	222	743	24	211	177	1955
105 CONSERV USE OF WATER	121	37.0	95.3	438	28	56	0	0	0	100	622	487	335	3414	64	327	121	5371
106 DRAIN AND IRRIGATION	57	20.1	36.0	256	0	1	0	0	0	28	285	281	124	1102	52	91	131	2064
107 WATERSHED PROT & FGH	75	26.0	49.0	82	120	127	0	0	0	0	329	332	752	1311	48	73	198	3044
108 ECON LEG PROB OF WAT	26	10.6	21.5	60	0	0	0	0	0	0	60	154	302	600	2	38	72	1228
109 WEATHER ADAPT & MCD	44	21.5	40.2	214	36	0	0	0	0	0	249	161	1040	913	147	22	39	2572
110 APPRAIS FORST & RANG	71	20.8	35.9	73	109	88	0	0	0	0	270	466	276	805	49	45	328	2239
111 BIOL CULT MGMT FORST	142	46.8	120.6	15	752	25	0	0	0	0	792	1060	903	2909	563	570	276	7073
112 IMPROV RANGE RESOR	114	37.7	76.1	343	92	72	0	0	0	0	507	519	626	2710	264	85	176	4887
113 REMOTE SENSING	15	3.5	7.6	15	2	27	0	0	0	0	43	10	331	203	5	26	3	622
114 RSCH ON MGMT OF RSCH	21	13.3	39.0	205	0	3	0	0	0	0	209	2	11	4087	95	179	37	4620
SUBTOTAL			767.0		1396		48			0	5354		6108		1671		1996	
		341.4		3209		566		0		135		4388		24793		2439		46748
SERIES 200																		
201 CNTRL FORST INSECTS	55	12.8	27.1	98	103	46	0	0	0	0	247	376	243	698	25	13	20	1622
202 CONTROL FOREST DIS	45	9.8	24.1	47	120	0	0	0	0	0	167	81	179	621	63	23	14	1149
203 FOREST FIRE PROTECT	10	2.4	2.8	3	11	0	0	0	0	0	14	37	17	100	0	0	4	173
204 CNTR PESTS FRT & VEG	145	46.4	136.3	604	0	4	0	0	0	0	607	174	145	5418	197	392	466	7401
205 CNTR DISE FRT & VEG	215	70.2	211.3	1117	0	35	66	0	0	0	1217	335	172	7402	269	747	455	10597
206 CNTR WEEDS FRT & VEG	59	15.8	42.5	268	0	0	27	0	0	0	295	229	20	1314	89	191	150	2288
207 CNTR PESTS FLD CROPS	138	44.0	98.0	762	0	154	52	0	0	0	968	279	531	3014	72	331	305	5501
208 CNTR DIS FIELD CROPS	145	35.7	133.4	543	0	234	2	0	0	85	863	301	138	3035	162	617	226	5343
209 CNTR WEEDS FLD CROPS	82	23.7	53.5	314	0	92	0	0	0	54	460	333	54	1644	96	361	81	3030
210 CONTR PESTS ANIMALS	29	5.9	10.2	70	8	0	0	0	47	0	125	67	43	484	0	18	51	788
211 CONTR DIS ANIMALS	289	162.8	363.7	997	8	513	0	0	903	0	2421	597	4565	8915	2540	479	1000	20516
212 CNTR INTER PARASITES	54	15.6	18.9	243	0	91	0	0	64	0	398	425	161	787	66	143	70	2049
213 PROT ANMLS FROM TOXI	54	21.7	35.3	93	0	32	0	0	85	0	210	108	3897	716	65	38	59	5093
214 PROTECT FROM POLLUTI	74	32.0	111.9	301	0	971	0	0	1	0	1273	114	2526	1958	49	929	18	6867
SUBTOTAL			1268.8		249		147		1101		9266		12693		3693		2917	
		498.9		5459		2171		0		139		3460		36108		4282		72418
SERIES 300																		
301 GENET BREED FORST TR	32	8.6	30.9	5	67	8	34	0	0	0	114	280	155	834	115	241	132	1871
302 IMP FOREST ENG SYS	21	6.3	21.0	8	94	0	0	0	0	0	102	324	20	471	0	63	92	1072
303 ECON TIMBER PRODUCTN	20	4.0	10.5	0	40	0	0	0	0	0	40	178	48	206	7	44	32	554
304 IMP BIO EFF FRT & VE	298	101.4	235.7	1239	0	416	70	0	0	0	1725	335	539	9416	505	858	711	14089
305 MECH PROD FRT & VEGS	28	5.4	11.9	80	0	0	0	0	0	0	80	0	2	609	14	21	67	793
306 PROD MGMT SYS F & V	32	5.7	10.6	89	0	8	0	0	0	0	96	79	3	414	7	45	16	661
307 IMP BIO EFF FLD CRP	282	120.3	278.5	1707	0	140	281	0	0	48	2176	753	1258	9005	506	1171	760	15630
308 MECH PROD FIELD CROP	8	2.5	6.7	36	0	40	0	0	0	0	76	8	0	243	18	14	30	384
309 PROD MGMT SYS FLD CR	51	9.5	21.2	163	0	37	0	0	0	120	320	30	11	792	54	111	60	1377
310 ANIMAL REPRODUCTION	111	44.5	140.7	1200	0	24	0	0	48	0	1271	323	1066	3553	1070	304	280	7868
311 IMP BIO EFF ANML PR	213	82.4	278.9	1889	0	10	0	0	49	0	1948	144	518	9319	2629	540	408	15506
312 ENV STRESS IN ANMI P	50	11.2	40.7	217	0	0	0	0	5	0	222	59	129	1318	121	48	108	2006
313 PROD MGMT SYS ANMI P	57	12.5	30.5	282	0	0	0	0	0	0	282	17	8	931	147	49	52	1487
314 BEES OTH POLLNTNG IN	16	8.0	12.6	160	0	11	0	0	0	0	171	92	9	497	14	55	47	885
315 IMP STRUC FARM SUPP	17	3.2	5.4	29	0	60	0	0	0	0	89	78	2	269	1	9	217	665
316 FARM BUSINESS MGMT	28	10.7	17.0	157	0	0	0	0	0	0	157	93	9	610	13	3	17	902
317 MECH/STRUCTS ANML PR	3	0.4	1.1	1	0	0	0	0	0	0	1	2	0	48	6	0	0	56
318 NCN COM BIO TECH/EIM	366	143.1	378.2	1102	33	20	1085	0	9	4	2252	628	6848	10253	463	667	469	21581
SUBTOTAL			1532.4		233		1470		111		11123		10624		5690		3495	
		580.2		8365		773		0		172		3423		48790		4241		87387
SERIES 400																		
401 NEW IMP FOREST PRCD	70	33.5	77.5	5	378	22	0	0	0	0	406	194	251	1799	105	485	28	3267
402 PROD F & V IMP ACCEP	82	18.1	52.0	268	0	229	0	0	0	0	497	113	282	2048	169	117	158	3385
403 NEW & IMP F & V PROD	56	16.3	31.1	249	0	5	0	0	0	0	254	12	65	1273	61	261	76	2002
404 MKT QUAL FRTS & VEGS	54	15.9	42.4	279	0	8	0	0	0	0	287	38	104	1498	38	281	125	2370
405 PROD FLD CROP IMP AC	50	20.3	65.1	372	0	36	0	0	0	0	408	117	263	1351	193	221	659	3212
406 NEW IMP FOOD FLD CRO	14	3.0	9.7	92	0	0	0	0	0	0	92	10	15	237	16	17	0	387
407 NEW IMP NON FOOD FC	20	7.7	21.6	36	0	107	0	0	0	0	143	149	431	440	0	65	2	1231
408 MKT QUAL FIELD CPCPS	14	2.5	3.2	53	0	2	0	0	0	0	55	0	6	194	3	14	3	274
409 PROD ANML PR IMP ACC	20	4.4	18.4	205	0	0	0	0	0	0	205	70	21	557	64	16	10	943
410 IMP MEAT MILK EGG PR	34	14.1	28.5	323	0	0	0	0	0	0	323	0	40	928	24	201	30	1547
411 IMP NON FOOD ANML PR	4	1.3	0.9	1	30	0	0	0	0	0	31	0	0	56	0	0	0	87
412 MKT QUAL ANIMAL PROD	19	4.1	7.7	88	0	0	0	0	0	0	88	0	37	303	10	30	38	506
SUBTOTAL			358.1		409		0			0	2787		1516		682		1130	
		141.3		1971		408		0		0		703		10685		1708		19212
SERIES 500																		
501 IMP GRADES & STANDS	13	2.8	8.9	68	0	0	0	0	0	0	68	25	3	281	37	45	19	479
502 MKTG TIMBER PRODUCTS	11	2.9	11.3	2	36	0	0	0	0	0	38	180	18	133	0	42	13	424
503 MKTG EFF AGRI PRCES	35	9.6	8.9	192	0	0	0	0	13	0	205	15	20	474	22	3	92	832
506 SPLY DEMAND AND PFIC	35	10.5	18.3	288	0	0	0	0	0	0	288	62	22	676	57	43	23	1171
507 COMP REL IN AGRIC	9	2.5	5.3	68	0	0	0	0	0	0	68	19	0	212	17	1	13	329
508 DOMESTIC MKT DEVELP	6	2.1	2.3	28	0	0	0	0	0	0	28	0	0	99	0	5	8	139
509 PERFORMANCE MKTG SYS	22	9.2	13.1	217	0	0	0	0	0	0	217	36	11	403	52	6	75	799
510 GROUP ACT MKT POWER	7	0.5	1.4	12	0	0	0	0	0	0	12	13	0	57	0	1	0	83
511 IMP AGRIC STATISTICS	8	2.4	8.4	13	0	0	0	0	0	0	13	11	6	189	96	7	45	366
512 IMP GRADES FRST PROD	8	1.5	4.0	1	5	0	0	0	0	0	7	17	11	137	0	22	7	199
513 PRICE ANAL FRST PROD	11	1.8	4.0	4	13	0	0	0	0	0	16	50	24	113	0	40	13	257
SUBTOTAL			85.8		54		0		13		959		115		281		308	
		45.7		891		0		0		0		428		2774		215		5079
SERIES 600																		
601 FGN MKT DEVELP	13	3.0	8.7	112	0	0	0	0	0	0	112	43	0	217	1	2	39	413
602 EVAL FGN FOOD AID PG	1	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
603 TECH AID DEV CRTY	19	1.9	3.0	2	1	0	0	0	0	0	3	41	17	151	0	6	185	364
604 PRD DVLPMT/MKTG FFGN	6	1.3	3.1	9	0	0	0	0	0	0	9	12	0	83	2	15	4	124
SUBTOTAL			14.8		1		0		0		123		17		4		188	
		6.2		122		0		0		0		96		451		23		902

SAES REGION 4 WESTERN REGION -- (INCLUDES SAES - OTHER INSTITUTIONS)

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLW	ANML HLTH	CTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	CTH -PE	TOTAL
SERIES 700																		
701 TOX RES IN FOOD	54	17.5	31.3	227	0	309	0	0	0	0	536	40	126	1282	37	136	23	2181
702 FOOD PRCT FROM TOX	38	19.0	57.4	260	0	0	0	0	1	0	261	99	1340	980	19	68	39	2806
703 FOOD CONSUMP HABITS	31	10.9	33.7	173	0	0	0	0	0	0	173	471	79	705	19	70	26	1543
704 HOME COMM FOOD SERV	6	0.8	1.4	9	0	0	0	0	0	0	9	0	15	58	0	23	5	110
705 SPL CARE CLOTH & TEX	13	3.2	6.2	27	0	0	0	0	0	0	27	13	1	258	1	14	0	313
706 CONTR INSECTS AFF HA	39	17.3	40.2	173	39	0	0	0	0	0	212	41	97	1412	8	185	71	2026
707 TRANS ANIML HAN DIS	4	0.8	2.2	2	0	0	0	0	0	0	2	0	132	69	0	0	0	203
708 HUMAN NUTRITION	92	37.7	107.7	417	0	0	71	0	0	0	488	711	1141	2173	84	195	76	4868
709 REDUCE HAZ HLTH & SF	12	2.0	5.0	17	0	0	0	0	0	0	17	7	18	175	0	16	0	234
SUBTOTAL			285.0		39		71		1		1726		2949		168		240	
		109.3		1305		309		0		0		1382		7111		707		14283
SERIES 800																		
801 RURAL HOUSING	19	2.6	3.7	92	0	0	0	0	0	0	92	2	1	122	20	21	20	279
802 INDIV & FAM DEC MAKI	53	9.6	14.4	227	4	17	0	0	0	0	248	0	6	511	21	27	20	833
803 RURAL POVERTY	8	0.7	1.2	9	0	17	0	0	0	0	26	0	0	29	0	0	1	57
804 ECON POTENT RURL REG	19	3.1	4.1	23	8	0	0	0	0	0	31	0	21	205	0	4	135	397
805 COMMUNICAT EDUC PROC	23	3.1	5.1	21	0	0	0	0	0	0	21	20	117	170	1	13	66	410
806 ADJUSTMENT TO CHANGE	49	16.3	25.8	203	0	17	0	0	0	0	220	7	577	579	31	42	14	1472
807 AGRIC ECONOMIC CHANG	33	11.5	19.5	117	0	0	0	0	0	0	117	77	9	829	14	43	25	1113
808 GOV T PROGRAMS	12	1.9	5.6	22	0	0	0	0	0	0	22	1	29	186	18	11	0	267
SUBTOTAL			79.4		12		0		0		778		760		105		284	
		48.7		715		51		0		0		108		2631		161		4827
SERIES 900																		
901 ALLEV POLLUTION	104	37.6	105.2	605	12	96	0	0	0	0	713	211	848	2706	206	574	133	5392
902 OUTDOOR RECREATION	54	14.2	21.8	151	133	0	0	0	0	0	284	86	364	643	53	30	8	1469
903 MULTI USE FOREST PDT	27	5.1	11.7	19	123	0	0	0	0	0	142	113	176	157	4	2	78	673
904 WLDLFE AND FISH ECOL	191	55.5	131.2	308	238	221	0	0	51	0	818	493	2011	3189	80	394	369	7354
905 TREES BEAUTIFICATION	28	6.9	20.1	92	12	0	0	0	0	0	104	37	134	645	106	21	36	1083
906 ORNAMENT & TURF DEV	134	43.2	98.0	549	0	0	0	0	0	0	549	202	98	3766	80	419	170	5283
907 RURAL INCOME IMP	21	4.3	6.5	43	0	17	0	0	0	0	60	6	6	267	59	8	8	414
908 RURAL INSTITUT IMP	47	8.6	11.6	185	0	17	0	0	0	0	202	7	35	488	28	29	5	794
990 UNCLASSIFIED	1	0.0	3.2	100	0	0	0	0	0	0	100	0	0	0	0	0	0	100
SUBTOTAL			409.5		518		0		51		2972		3674		616		807	
		175.4		2052		351		0		0		1156		11862		1476		22563
SCIENCE IN SERV OF MAN																		
GRAND TOTAL			4800.8		2910		1736		1277		35088		38457		12911		11365	
		1947.1		24090		4630		0		445		15143		145204		15252		273419

TABLE IV-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SUPPORT SYS	STAFF YRS OTHER	MATH /REF	SCIN STEN	SP GT	COMP GT	EVMS ALIN	ANNL HLTH	CTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	1122	358.7	936.9	7093	337	421	62	0	0	7	7921	2257	3485	24159	1833	3496	3144	46294
0200 WATER	701	178.3	447.5	2832	91	45	0	0	0	45	3012	1568	1881	13571	484	1388	1817	23276
0300 WATERSHEDS RIVER BAS	142	42.8	89.6	556	303	81	0	0	0	0	941	517	1009	2689	62	137	171	5525
0400 AIR AND CLIMATE	123	38.1	113.2	717	13	1	0	0	0	0	730	148	1985	2307	268	140	72	5650
0500 RECREATION RESOURCES	103	30.3	66.1	350	251	0	0	0	0	0	601	175	354	1838	59	129	298	3455
0600 TIMBER FORST PRODUCT	970	354.8	935.4	2080	7278	287	39	0	0	0	9683	3059	2304	23127	1182	4109	2184	45648
0700 RANGE	273	94.3	207.2	1083	89	371	55	0	0	0	1603	999	1144	6047	786	380	495	11453
0800 WILDLIFE AND FISH	595	192.2	559.6	2084	587	613	0	0	112	0	3396	750	5799	11582	898	2212	3166	27803
0900 CITRUS SUB TROP FRUT	270	109.7	346.0	1291	0	16	46	0	0	0	1353	402	366	11411	116	541	403	14592
1000 FRUIT NUTS DECIDUOUS	968	336.9	975.7	7044	16	970	46	0	0	0	8076	780	855	31192	1693	2879	1799	47273
1100 POTATOES	307	89.3	208.4	2229	0	155	118	0	0	0	2502	574	243	5935	598	768	757	11377
1200 VEGETABLES	1395	429.5	1240.7	9338	0	517	314	0	0	0	10169	1588	2061	38008	1739	2630	2398	58594
1300 ORNAMENTALS TURF	601	220.9	547.0	4173	0	8	0	0	0	0	4181	442	234	17698	548	1746	775	25624
1400 CORN	960	214.0	711.3	5830	0	138	388	0	0	22	5978	1178	2321	17166	1505	2866	1016	32029
1500 GRAIN SORGHUM	321	68.9	251.6	1038	0	16	0	0	0	0	1054	428	709	5778	679	584	825	10055
1600 RICE	139	46.2	125.9	526	0	9	0	0	0	0	535	98	39	4454	234	1164	351	6875
1700 WHEAT	671	176.9	487.5	3176	0	472	56	0	0	0	3744	757	1009	13299	1550	1812	1318	23489
1800 OTHER SMALL GRAINS	413	85.7	231.4	1683	0	14	86	0	0	0	1783	420	374	6457	524	1220	715	11451
1900 PASTURE	139	28.0	117.0	1035	0	11	0	0	0	0	1046	254	33	2568	228	144	42	4315
2000 FORAGE CROPS	891	248.4	771.3	6402	6	75	296	0	0	0	6779	1753	2153	21219	2189	1369	926	36388
2100 COTTON	359	132.0	399.2	2596	0	129	47	0	0	0	2773	577	190	10999	710	2261	453	17964
2200 COTTONSEED	16	3.2	13.8	65	0	0	0	0	0	0	65	86	29	267	3	45	20	515
2300 SOYBEANS	910	219.4	757.5	5525	0	552	278	0	0	0	6355	901	980	18699	1479	3232	1800	33445
2400 PEANUTS	162	42.7	165.5	595	0	23	41	0	0	0	659	91	192	4484	331	373	390	6521
2500 OTHER OILSEED CROPS	149	29.6	78.1	536	0	109	0	0	0	0	645	152	282	2519	150	334	117	4195
2600 TOBACCO	168	59.0	202.2	1181	0	7	28	0	0	0	1211	103	28	7069	321	212	427	9371
2700 SUGAR CROPS	160	47.8	168.4	998	0	127	0	0	0	0	1125	185	134	3750	277	371	169	6012
2800 MISC NEW CROPS	174	41.0	129.9	868	0	213	0	0	0	379	1459	132	53	2679	207	756	288	5614
2900 POULTRY	694	230.4	831.6	7080	0	490	0	0	406	0	7976	245	1428	21345	1620	1817	1226	35657
3000 BEEF CATTLE	1303	424.6	1711.2	12370	15	1028	0	0	1438	0	14851	2348	1902	43614	16344	3179	1556	83794
3100 DAIRY CATTLE	1072	304.0	1174.6	9903	0	977	0	0	864	0	11745	901	1212	32953	7264	3884	1917	59877
3200 SWINE	596	158.7	666.5	5671	0	529	0	0	682	0	6882	501	757	16713	5556	1224	2315	33949
3300 SHEEP AND WOOL	335	77.9	263.8	2062	0	207	0	0	219	0	2488	437	332	7897	1298	401	250	13103
3400 OTHER ANIMALS	362	97.7	316.3	1786	0	103	16	0	347	0	2251	104	1858	7462	645	949	490	13759
3500 BEES AND HONEY	38	15.4	28.5	264	0	11	0	0	0	0	275	200	119	992	36	82	69	1773
3600 FARM SUPP & FACILITS	104	28.4	58.3	469	0	111	0	0	0	0	580	51	303	2078	480	227	257	3976
3700 CLOTHING & TEXTILES	64	18.7	26.5	446	0	0	0	0	0	0	446	31	8	1101	23	16	9	1633
3800 FOOD	500	160.2	406.5	4047	0	293	741	0	0	0	5081	986	2725	10090	506	2102	652	22143
3900 HOUSING & EQUIP	217	59.5	121.4	1141	71	170	0	0	0	0	1382	243	336	3972	238	326	299	6797
4000 PEOPLE AS INDIVIDUAL	554	156.4	324.6	2982	35	154	0	0	0	0	3171	984	2713	9079	531	936	896	18309
4100 FAMILY MEMBERS	229	67.3	112.9	1428	0	17	0	0	0	0	1445	82	1016	3651	154	140	247	6735
4200 FARM AS BUSINESS	231	74.6	129.0	1449	0	0	0	0	0	0	1449	250	165	4298	120	136	91	6508
4300 SOC POLIT ORGANIZ	343	104.8	205.9	3024	14	212	0	0	0	0	3250	336	183	5077	350	316	598	10110
4400 AGRIC ECONOMY U S	144	43.7	98.1	912	0	101	0	0	0	0	1013	523	122	3090	103	71	113	5035
4500 AGRIC ECONOMY FORGN	31	11.4	29.9	124	0	0	0	0	0	0	124	171	135	462	20	11	100	1024
4600 FARM COOPERATIVES	32	6.1	9.5	117	0	0	0	0	0	0	117	37	4	314	13	11	12	507
4700 OTH MARKET PROCESS	37	8.2	16.4	155	0	0	0	0	0	0	155	52	15	420	15	34	171	861
4800 MARKETING SYSTEMS	104	30.9	49.2	819	0	26	0	0	0	0	845	169	28	1548	70	33	154	2848
6100 WEEDS	76	15.5	48.5	340	0	7	68	0	0	0	415	108	108	1189	82	235	96	2234
6200 SEED RESEARCH	54	24.8	83.8	242	0	0	0	0	0	0	242	117	291	1108	695	280	533	3266
6300 BIO CELL SYSTEMS	286	114.0	330.5	1726	0	0	230	0	0	1	1958	297	7073	6875	368	1018	421	18011
6400 EXP DESIGN/STAT METH	82	29.2	56.8	234	0	13	0	0	2	0	249	1081	239	2052	220	118	221	4180
6500 INVERTEBRATES	289	111.6	269.9	1716	8	5	123	0	6	0	1859	284	3642	7209	160	778	332	14264
6600 MICROORGANISMS VIRUS	330	94.2	281.4	1447	17	104	1171	0	10	2	2751	293	4122	6456	164	1018	495	15299
6700 PLANTS	840	267.6	777.2	4053	13	2557	1752	0	0	10	8386	1499	3854	20248	1930	3072	1683	40672
6800 ANIMALS(VERTEBRATES)	395	135.5	447.5	1903	0	326	0	0	224	0	2454	179	6881	11099	2039	839	933	24424
6900 RESEARCH ON RSCH MGM	43	30.2	64.0	427	0	3	0	0	0	0	431	165	111	4816	141	206	430	6299
7000 RSCH EQUIP & TECHNOL	120	32.2	60.9	391	33	36	0	0	0	0	460	103	1427	1864	57	247	155	4314
9900 UNCLASSIFIED	1	0.0	3.2	100	0	0	0	0	0	0	100	0	0	0	0	0	0	100
TOTAL		6845.0	20288.2	141355	9177	12858	6040	0	4310	467	174208	33149	73350	550044	61893	61008	42656	996309

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SUPPORT SYS	STAFF YRS OTHER	MATH /BRP	MCIN STEM	SP GT	COMP GT	EVMS ALLM	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	199	76.1	172.9	1231	33	14	0	0	0	0	1278	275	341	4844	260	1022	724	8744
102 SOIL PLNT WTR NUTRI	697	227.8	635.6	4268	499	183	65	0	0	7	5022	1298	1376	17499	1658	1673	1783	30309
103 MGMT OF SALINE SOILS	62	16.7	61.7	257	0	0	0	0	0	0	257	88	92	1621	43	280	65	2446
104 ALTERN USE OF LAND	180	51.3	99.1	1154	22	103	0	0	0	0	1278	437	421	2436	69	282	538	5460
105 CONSERV USE OF WATER	313	82.3	255.1	1256	34	56	3	0	0	100	1448	909	592	7420	367	641	273	11652
106 DRAIN AND IRRIGATION	154	45.9	106.7	802	0	2	0	0	0	28	831	421	169	3297	172	191	319	5399
107 WATERSHED PPCT & MGM	162	52.2	141.4	804	336	127	0	0	0	0	1267	787	658	3603	156	320	263	7094
108 ECON LEG PRCB OF WAT	57	17.6	33.5	169	3	0	0	0	0	0	172	195	319	1033	7	47	82	1853
109 WEATHER ADAPT & MOD	141	48.7	143.1	954	29	2	0	0	0	0	986	207	2707	2798	298	159	196	7350
110 APPRAIS FOREST & RANG	129	37.7	74.1	187	437	66	0	0	0	0	691	461	293	1648	75	104	562	3833
111 BIOL CULT MGMT FOREST	283	86.3	241.9	241	2295	34	0	0	0	0	2569	585	483	6077	493	1419	462	12087
112 IMPROV RANGE RESOR	174	59.3	135.8	668	66	74	0	0	0	0	807	580	635	4314	680	226	256	7495
113 REMOTE SENSING	42	10.0	22.0	62	68	27	0	0	0	0	158	24	443	732	30	88	42	1517
114 RSCH ON MGMT OF RSCH	42	26.5	54.4	427	0	3	0	0	0	0	431	165	105	4774	98	205	181	5958
SUBTOTAL			2177.3		3820		68		0		17194		8675		4406		5745	
		838.4		12481		689		0		135		6432		62096		6657		111204
SERIES 200																		
201 CNTRL FORST INSECTS	123	33.8	87.3	451	513	75	0	0	0	0	1038	513	307	2112	54	325	159	4507
202 CONTROL FOREST DIS	112	28.9	65.8	460	515	3	0	0	0	0	978	162	161	1967	41	163	138	3610
203 FOREST FIRE PROTECT	12	2.4	2.7	3	15	0	0	0	0	0	18	33	7	128	0	6	0	193
204 CNTR PESTS FRT & VEG	427	122.9	374.6	2222	0	35	190	0	0	0	2447	836	889	11513	562	1125	1118	18450
205 CNTR DISE FRT & VEG	746	228.6	685.2	4325	16	327	319	0	0	0	4987	925	485	20463	822	1680	1095	30457
206 CNTR WEEDS FRT & VEG	171	43.9	133.7	874	0	15	100	0	0	0	989	273	61	3817	183	414	290	6028
207 CNTR PESTS FLD CROPS	589	196.7	591.3	4886	0	286	104	0	0	0	5277	1313	851	14354	796	2344	1261	26195
208 CNTR DIS FIELD CROPS	761	217.3	672.8	4822	0	539	328	0	0	85	5774	1174	534	17557	788	2781	1503	30110
209 CNTR WEEDS FLD CROPS	343	108.6	371.1	2279	0	199	8	0	0	54	2539	636	233	9499	842	2155	645	16550
210 CONTR PESTS ANIMALS	141	34.0	92.2	771	8	146	0	0	175	0	1099	391	174	2574	206	282	138	4865
211 CONTR DIS ANIMALS	773	282.3	814.0	5062	8	1947	0	0	2965	0	9982	1118	3360	22820	2986	1847	1054	43167
212 CNTR INTER PARASITES	108	29.0	86.1	537	0	371	0	0	248	0	1156	56	107	2706	255	409	86	4774
213 PROT ANMLS FROM TOXI	133	41.0	112.2	630	0	126	0	0	301	0	1056	293	648	3035	481	227	430	6170
214 PROTECT FROM POLLUTI	206	47.1	150.5	926	124	1285	0	0	20	0	2355	287	1206	3987	86	542	190	8653
SUBTOTAL			4239.5		1199		1048		3709		39696		9024		8100		8108	
		1416.7		28248		5353		0		139		8011		116533		14300		203772
SERIES 300																		
301 GENET BREED FOREST TR	97	35.4	106.4	261	830	8	0	0	0	0	1099	110	199	2469	194	682	172	4927
302 INP FOREST ENG SYS	27	10.0	33.1	24	162	1	0	0	0	0	187	257	26	625	21	195	98	1411
303 ECON TIMBER PRODUCTN	47	15.8	44.9	12	351	3	0	0	0	0	365	131	150	1029	28	102	128	1973
304 INP BIO EFF FRT & VE	1035	332.1	969.4	6657	0	627	203	0	0	0	7488	840	1133	31302	1702	2139	1810	46413
305 MECH PROD FRT & VEGS	115	30.9	74.5	801	0	2	0	0	0	0	804	34	109	2646	44	90	145	3871
306 PROD MGMT SYS F & V	123	20.4	61.2	461	0	22	0	0	0	0	483	101	94	1984	67	102	50	2880
307 INP BIO EFF FLD CRP	1484	604.1	2007.7	12010	0	441	944	0	0	48	13442	2781	4905	54580	6120	6710	4050	92547
308 MECH PROD FIELD CROP	92	26.9	90.5	655	0	50	0	0	0	0	705	93	39	2631	381	221	184	4253
309 PROD MGMT SYS FLD CR	354	80.6	247.8	1814	0	64	0	0	0	120	1998	160	187	8065	1034	775	371	12590
310 ANIMAL REPRODUCTION	476	171.5	734.3	6442	0	287	0	0	204	0	6933	528	1795	19330	4303	1658	812	35359
311 INP BIO EFF ANML PR	1171	462.5	2247.3	15301	0	360	0	0	182	0	15843	1644	2960	56754	20038	5499	4180	106914
312 ENV STRESS IN ANML P	185	46.7	189.9	1458	0	5	0	0	33	0	1496	95	179	4467	1228	180	247	7893
313 PROD MGMT SYS ANML P	315	68.1	262.2	2053	0	8	0	0	0	0	2061	145	59	7707	2575	347	300	13195
314 BEES OTH POLINTNG IN	38	15.4	28.5	264	0	11	0	0	0	0	275	200	119	992	36	82	69	1773
315 INP STRUC FARM SUPP	150	43.4	102.4	804	0	276	0	0	0	0	1080	196	318	3636	673	375	368	6646
316 FARM BUSINESS MGMT	177	58.1	96.6	1014	0	0	0	0	0	0	1014	178	141	3278	99	114	80	4903
317 MECH/STRUCTS ANML PR	64	17.4	50.1	369	0	0	0	0	0	0	369	16	127	1543	155	81	160	2451
318 NCR CCR BIO TECH/EIN	1201	463.3	1263.1	6316	73	137	2995	0	9	4	9534	1319	20742	30149	1949	5127	1819	70638
SUBTOTAL			8610.2		1417		4143		428		65176		33320		40643		15043	
		2503.1		56715		2303		0		172		8787		233186		24481		420637
SERIES 400																		
401 NEW INP FOREST PROD	128	68.1	170.6	194	1106	163	0	0	0	0	1463	488	463	4295	92	834	519	8153
402 PROD F & V INP ACCEP	269	53.0	159.4	907	0	270	0	0	0	0	1177	137	321	5405	289	226	273	7829
403 NEW & INP F & V PROD	194	56.8	135.1	1264	0	82	0	0	0	0	1346	39	145	4375	162	570	358	6995
404 MKT QUAL FRTS & VEGS	166	53.6	124.7	1459	0	31	0	0	0	0	1531	63	120	3827	142	514	199	6397
405 PROD FLD CROP INP AC	270	81.8	307.7	1873	0	49	24	0	0	0	1945	507	572	7349	812	1071	1029	13285
406 NEW INP FOOD FLD CRO	121	35.7	118.9	864	0	0	0	0	0	0	864	43	319	2590	174	272	400	4664
407 NEW INP NON FOOD FC	116	33.7	103.8	542	0	266	0	0	0	22	830	308	573	2518	220	326	169	4944
408 MKT QUAL FIELD CROPS	92	24.2	46.1	552	0	69	0	0	0	0	621	96	23	1618	67	112	63	2602
409 PROD ANML PR INP ACC	144	34.6	132.7	1584	0	25	0	0	0	0	1608	140	133	3121	953	282	86	6323
410 INP MEAT MILK EGG PR	254	81.9	232.8	2462	0	40	0	0	0	0	2502	40	332	5746	925	878	385	10808
411 INP NON FOOD ANML PR	25	5.8	21.0	158	0	80	0	0	0	0	237	64	58	337	26	11	2	736
412 MKT QUAL ANIMAL PROD	104	27.7	77.2	870	0	30	0	0	0	0	900	75	166	2284	73	251	128	3877
SUBTOTAL			1630.1		1106		24		0		15025		3225		3935		3612	
		556.7		12769		1104		0		22		2001		43465		5348		76611
SERIES 500																		
501 INP GRADES & STANDS	47	13.4	53.2	397	0	0	0	0	0	0	397	37	3	1005	166	197	69	1873
502 MKTG TIMBER PRODUCTS	32	7.7	22.8	71	99	0	0	0	0	0	170	264	61	350	2	44	28	920
503 MKTG EFF AGRI PROIS	178	54.0	84.4	1372	0	3	0	0	13	0	1389	211	94	2637	68	173	399	4971
506 SPLY DEMAND AND PRIC	182	54.7	114.4	1580	0	14	0	0	0	0	1594	298	174	3116	162	105	98	5548
507 COMP PRI IN AGRIC	63	14.4	28.9	389	0	51	0	0	0	0	440	45	87	843	39	6	51	1511
508 DOMESTIC MKT DEVELP	31	6.4	6.7	117	0	0	0	0	0	0	117	13	0	420	4	33	83	670
509 PERFORMANCE MKTG SYS	152	60.5	95.6	1550	0	80	0	0	0	0	1631	224	40	2807	120	65	236	5123
510 GROUP ACT MKT POWER	21	3.1	7.7	82	0	25	0	0	0	0	107	20	0	193	7	3	14	345
511 INP AGRIC STATISTICS	30	8.7	18.9	107	0	0	0	0	0	0	107	1054	7	524	108	8	180	1988
512 INP GRADES FRST PROD	11	2.9	5.0	1	77	0	0	0	0	0	78	47	9	146	0	9	1	289
513 PRICE ANAL FRST PROD	20	5.6	11.5	28	57	0	0	0	0	0	85	39	28	275	10	6	1	448
SUBTOTAL			449.3		233		0		13		6114		502		688		1160	
		231.5		5695		173		0		0		2252		12321		648		23685
SERIES 600																		
601 FGN MKT DEVELP	55	15.0	42.6	453	16	0	0	0	0	0	469	135	197	839	38	40	74	1792
602 EVAL FGN FOOD AID PG	4	0.3	0.5	7	0	0	0	0	0	0	7	3	0	18	0	0	0	28
603 TECH AID DEV CNTY	58	30.2	63.8	19	0	21	0	0	0	0	40	130	103	636	98	73	800	1880
604 PRD DVLPMT/MKTG FFGN	15	1.5	5.6	22	0	0	0	0	0	0	22	14	13	120	5	17	11	202
SUBTOTAL			112.5		16		0		0		538		313		141		885	
		47.0		501		21		0		0		282		1613		129		3902

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	MATH /BEH	NCIN STEN	SP GT	COMP GT	EVMS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 700																		
701 TOX RES IN FOOD	156	55.8	136.8	1274	0	1903	0	0	26	0	3202	78	437	3213	81	284	151	7446
702 FOOD PRCT FRCM TOX	178	64.1	206.7	1611	0	30	0	0	24	0	1664	269	2354	4170	311	966	288	10023
703 FOOD CONSUME HABITS	121	32.1	73.4	756	0	0	1	0	0	0	757	620	221	1850	150	177	60	3835
704 HOME COMM FOOD SERV	51	13.5	24.0	378	0	0	0	0	0	0	378	33	93	701	55	93	45	1402
705 SEL CARE CLOTH & TEX	55	14.2	19.2	297	0	0	0	0	0	0	297	13	3	895	21	14	1	1243
706 CONTR INSECTS AFF HA	125	43.5	102.3	703	43	0	0	0	0	0	746	209	310	2999	57	366	321	5007
707 TRANS ANIML HAN DIS	22	6.4	16.1	64	0	0	0	0	0	0	64	3	365	311	97	239	34	1114
708 HUMAN NUTRITION	378	120.3	383.9	2608	0	0	757	0	0	0	3364	1142	3714	7570	444	619	789	17642
709 REDUCE HAZ HLTH & SF	57	12.5	26.8	271	0	9	0	0	0	0	281	31	96	822	23	166	73	1492
SUBTOTAL			989.0		43		757		49		10753		7592		1240		1766	
		363.2		7962		1942		0		0		2397		22531		2924		49204
SERIES 800																		
801 RURAL HOUSING	62	13.4	19.9	340	0	0	0	0	0	0	340	2	31	759	65	34	37	1267
802 INDIV & FAM DEC MAKI	176	43.4	80.3	959	0	17	0	0	0	0	976	36	550	2391	122	116	220	4410
803 RURAL POVERTY	25	4.2	7.3	132	0	17	0	0	0	0	149	2	0	147	9	1	2	311
804 ECON POTENT RURL REG	75	16.8	22.0	299	8	0	0	0	0	0	307	52	62	730	27	27	185	1390
805 COMMUNICAT EDUC PROC	115	32.5	44.9	293	23	0	0	0	0	0	316	21	88	2606	104	23	224	3381
806 ADJUSTMENT TO CHANGE	162	53.4	83.7	1281	0	17	0	0	0	0	1298	24	989	2421	99	361	39	5232
807 AGRIC ECONOMIC CHANG	149	49.7	95.5	1046	0	101	0	0	0	0	1148	272	42	3269	75	62	207	5074
808 GOV T PROGRAMS	47	10.3	25.9	187	0	0	0	0	0	0	187	177	37	738	20	33	8	1200
SUBTOTAL			379.6		31		0		0		4720		1798		522		922	
		223.8		4537		152		0		0		585		13062		656		22265
SERIES 900																		
901 ALLEV POLLUTION	469	143.7	389.9	3276	104	228	0	0	0	0	3608	770	2857	10672	404	1915	787	21055
902 OUTDOOR RECREATION	106	32.7	77.9	484	235	0	0	0	0	0	718	235	397	1989	62	137	276	3815
903 MULTI USE FOREST PDT	77	24.5	40.4	48	377	0	0	0	0	0	424	120	281	837	46	73	365	2146
904 WLDLFE AND FISH ECOL	479	153.1	470.8	1664	537	561	0	0	111	0	2873	523	4952	9554	788	1906	2762	23356
905 TREES BEAUTIFICATION	78	19.7	48.8	250	58	0	0	0	0	0	308	111	9	1629	173	115	56	2401
906 ORNAMENT & TURF DEV	580	211.0	518.9	4086	0	8	0	0	0	0	4094	393	227	16928	508	1648	727	24524
907 RURAL INCOME IMP	99	29.8	60.2	1104	3	161	0	0	0	0	1268	64	28	1376	100	16	34	2886
908 RURAL INSTITUT IMP	188	49.5	90.6	1436	0	162	0	0	0	0	1598	187	108	2253	137	53	408	4744
990 UNCLASSIFIED	1	0.0	3.2	100	0	0	0	0	0	0	100	0	0	0	0	0	0	100
SUBTOTAL			1700.7		1313		0		111		14992		8900		2218		5414	
		664.5		12447		1120		0		0		2402		45237		5865		85027
SCIENCE IN SERV OF MAN																		
GRAND TOTAL			20288.2		9177		6040		4310		174208		73350		61893		42656	
		6845.0		141355		12858		0		467		33149		550044		61008		996309

NATIONAL TOTAL FORESTRY SCHOOLS

TABLE IV-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SYS	STAFF YRS OTHER	MATH /REF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -IRY	OTH -ER	TOTAL
0100 SOIL AND LAND	44	9.1	16.9	0	99	0	0	0	0	0	99	140	343	334	0	87	79	1082
0200 WATER	28	5.3	11.1	0	34	0	0	0	0	0	34	17	247	238	3	9	44	592
0300 WATERSHEDS RIVER BAS	26	4.6	10.4	0	50	0	0	0	0	0	50	113	107	224	0	3	56	554
0400 AIR AND CLIMATE	6	1.8	3.2	0	9	0	0	0	0	0	9	125	36	10	0	7	0	188
0500 RECREATION RESOURCES	31	4.5	8.3	0	100	0	0	0	0	0	100	43	176	217	19	0	8	564
0600 TIMBER FORST PRODUCT	481	152.5	317.5	0	2075	46	34	0	0	0	2154	3166	2207	7656	449	2792	854	19279
0700 RANGE	15	5.0	4.6	0	26	28	0	0	0	0	54	30	2	367	10	0	0	464
0800 WILDLIFE AND FISH	95	17.1	30.7	0	216	0	0	0	0	0	216	263	685	817	0	75	111	2166
1200 VEGETABLES	1	0.1	0.5	0	0	0	0	0	0	0	0	0	12	9	0	0	0	21
1300 ORNAMENTALS TURF	3	0.0	0.2	0	0	0	0	0	0	0	0	0	0	2	0	0	10	12
3600 FARM SUPP & FACILITS	1	0.3	0.2	0	12	0	0	0	0	0	12	0	0	22	0	0	0	34
3900 HOUSING & EQUIP	6	1.3	2.3	0	0	0	0	0	0	0	0	10	8	125	0	21	7	169
4000 PEOPLE AS INDIVIDUAL	3	0.6	0.5	0	12	0	0	0	0	0	12	0	0	13	0	0	16	41
4300 SOC POLIT ORGANIZ	2	0.0	0.5	0	0	0	0	0	0	0	0	0	0	3	0	0	5	8
4600 FARM COOPERATIVES	1	0.3	0.2	0	0	0	0	0	0	0	0	0	6	9	0	0	0	15
4700 OTH MARKET PROCESS	1	0.0	0.1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
4800 MARKETING SYSTEMS	1	0.3	0.2	0	0	0	0	0	0	0	0	0	6	9	0	0	0	15
6100 WEEDS	1	0.0	0.2	0	0	0	0	0	0	0	0	8	0	0	0	0	0	8
6300 BIC CELL SYSTEMS	5	3.4	3.5	0	0	0	0	0	0	0	0	0	134	78	0	0	20	232
6500 INVERTEBRATES	3	0.0	0.2	0	0	0	0	0	0	0	0	0	3	5	0	0	2	10
6600 MICROORGANISMS VIRUS	5	1.8	1.6	0	13	0	0	0	0	0	13	0	73	36	0	1	0	123
6700 PLANTS	4	1.4	1.4	0	0	0	0	0	0	0	0	0	50	44	0	1	0	95
6800 ANIMALS(VERTEBRATES)	3	1.8	2.3	0	0	0	0	0	0	0	0	0	117	49	0	0	1	167
6900 RESEARCH ON RSCH PGM	1	0.2	0.0	0	0	0	0	0	0	0	0	4	0	4	0	0	0	7
7000 RSCH EQUIP & TECHNOL	15	5.1	7.6	0	16	0	0	0	0	0	17	0	202	185	10	27	6	407
TOTAL		216.6	424.6	0	2663	74	34	0	0	0	2771	3919	4414	10415	492	3024	1219	26255

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	MATH /ENG	MCIN STEN	SP COMP GT	GT	EVNS ALIN	ANMI HITH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	8	2.1	2.0	0	19	0	0	0	0	0	19	6	113	87	0	5	59	288
102 SOIL PLNT WTR NUTRI	39	7.3	17.1	0	151	0	0	0	0	0	151	142	259	226	0	108	17	904
103 MGMT OF SALINE SOILS	1	0.5	1.3	0	0	0	0	0	0	0	0	0	50	14	0	0	0	64
104 ALTERN USE OF LAND	8	2.1	2.7	0	35	0	0	0	0	0	35	9	0	54	0	39	9	145
105 CONSERV USE OF WATER	9	2.0	4.7	0	10	0	0	0	0	0	10	15	113	49	0	1	35	222
106 DRAIN AND IRRIGATION	1	0.0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
107 WATERSHED PROT & FGM	25	9.0	14.7	0	74	0	0	0	0	0	74	124	310	396	3	2	90	999
109 WEATHER ADAPT & MOD	8	1.9	2.8	0	46	0	0	0	0	0	46	127	0	3	0	0	0	176
110 APPRAIS FORST & RANG	31	5.8	10.9	0	86	28	0	0	0	0	114	216	13	297	0	41	53	733
111 BIOL CULT MGMT FORST	176	52.2	117.3	0	751	0	0	0	0	0	751	1138	784	2647	340	973	239	6871
112 IMPROV RANGE RESOR	9	4.4	3.9	0	26	0	0	0	0	0	26	24	0	344	10	0	0	405
113 REMOTE SENSING	10	1.5	6.5	0	46	0	0	0	0	0	46	0	62	121	0	16	10	255
114 RSCH ON MGMT OF RSCH	1	0.2	0.0	0	0	0	0	0	0	0	0	4	0	4	0	0	0	7
SUBTOTAL			184.0		1244		0		0		1272		1704		354		511	
		89.2		0		28		0		0		1805		4241		1184		11070
SERIES 200																		
201 CNTRL FORST INSECTS	41	10.5	25.9	0	148	46	0	0	0	0	194	494	463	412	8	0	23	1594
202 CONTROL FOREST DIS	41	6.9	16.6	0	203	0	0	0	0	0	203	98	105	337	43	3	13	803
203 FOREST FIRE PROTECT	5	1.2	1.5	0	0	0	0	0	0	0	0	24	10	49	0	0	4	87
209 CNTR WEEDS FLD CROPS	1	0.0	0.1	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4
210 CONTR PESTS ANIMALS	1	0.1	1.1	0	0	0	0	0	0	0	0	0	40	16	0	0	1	57
214 PROTECT FROM POLLUTI	10	3.5	4.6	0	52	0	0	0	0	0	52	14	96	176	0	36	0	375
SUBTOTAL			49.8		403		0		0		449		714		52		41	
		22.2		0		46		0		0		630		994		40		2919
SERIES 300																		
301 GENET BREED FORST TR	40	9.1	27.3	0	152	0	34	0	0	0	186	319	122	746	8	224	113	1718
302 IMP FOREST ENG SYS	21	5.1	13.1	0	66	0	0	0	0	0	66	277	8	270	0	23	77	720
303 ECON TIMBER PRODUCTN	19	3.8	7.2	0	44	0	0	0	0	0	44	182	16	173	0	47	17	478
304 IMP BIC EFF FPT & VE	1	0.1	0.5	0	0	0	0	0	0	0	0	0	12	9	0	0	0	21
315 IMP STRUC FARM SUPP	3	0.6	0.9	0	12	0	0	0	0	0	12	0	0	60	0	0	0	72
318 NCN COM BIC TECH/ENG	19	11.1	8.3	0	15	1	0	0	0	0	16	8	405	208	0	1	23	661
SUBTOTAL			57.4		289		34		0		323		562		9		230	
		29.8		0		1		0		0		786		1466		295		3671
SERIES 400																		
401 NEW IMP FOREST PROD	68	38.7	70.0	0	267	0	0	0	0	0	267	116	262	1945	59	1290	41	3979
411 IMP NON FOOD ANML PR	1	0.5	0.3	0	30	0	0	0	0	0	30	0	0	0	0	0	0	30
SUBTOTAL			70.3		297		0		0		297		262		59		41	
		39.2		0		0		0		0		116		1945		1290		4010
SERIES 500																		
502 MKTG TIMBER PRODUCTS	13	1.9	2.7	0	15	0	0	0	0	0	15	52	16	127	0	40	13	263
510 GROUP ACT MKT POWER	2	0.5	0.6	0	0	0	0	0	0	0	0	0	12	19	0	0	1	32
511 IMP AGRIC STATISTICS	1	0.0	0.1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
512 IMP GRADES FRST PROD	7	0.6	1.3	0	0	0	0	0	0	0	0	14	8	61	0	21	7	111
513 PRICE ANAL FRST PROD	8	2.4	2.5	0	9	0	0	0	0	0	9	68	16	112	0	40	13	258
SUBTOTAL			7.2		24		0		0		24		51		0		35	
		5.4		0		0		0		0		133		320		102		666
SERIES 600																		
601 FGN MKT DEVELP	1	0.4	0.3	0	0	0	0	0	0	0	0	2	0	25	0	0	0	27
603 TECH AID DEV CRTY	6	1.4	0.1	0	1	0	0	0	0	0	1	0	4	23	0	3	192	222
SUBTOTAL			0.4		1		0		0		1		4		0		192	
		1.8		0		0		0		0		2		47		3		249
SERIES 700																		
709 REDUCE HAZ HLTH & SF	1	0.3	0.4	0	0	0	0	0	0	0	0	0	0	2	0	0	16	19
SUBTOTAL			0.4		0		0		0		0		0		0		16	
		0.3		0		0		0		0		0		2		0		19
SERIES 800																		
802 INDIV & FAM DEC MAKI	1	0.1	0.1	0	4	0	0	0	0	0	4	0	0	6	0	0	0	10
805 COMMUNICAT EDUC PROC	1	0.2	0.0	0	8	0	0	0	0	0	8	0	0	5	0	0	0	12
SUBTOTAL			0.1		12		0		0		12		0		0		0	
		0.3		0		0		0		0		0		11		0		23
SERIES 900																		
901 ALLEV POLLUTION	19	1.9	5.1	0	17	0	0	0	0	0	17	0	114	99	0	22	1	253
902 OUTDOOR RECREATION	32	5.3	9.4	0	92	0	0	0	0	0	92	49	178	286	19	0	10	633
903 MULTI USE FOREST POT	19	2.8	4.6	0	63	0	0	0	0	0	63	59	0	137	0	0	0	260
904 WLDLFE AND FISH ECOL	89	17.1	32.0	0	219	0	0	0	0	0	219	292	699	789	0	89	116	2204
905 TREES BEAUTIFICATION	13	1.2	3.3	0	5	0	0	0	0	0	5	46	126	74	0	0	13	264
906 ORNAMENT & TURF DEV	1	0.0	0.2	0	0	0	0	0	0	0	0	0	0	1	0	0	9	10
908 RURAL INSTITUT IMP	1	0.0	0.4	0	0	0	0	0	0	0	0	0	0	2	0	0	4	6
SUBTOTAL			54.9		395		0		0		395		1117		19		153	
		28.4		0		0		0		0		446		1389		111		3630
SCIENCE IN SERV OF MAN GRAND TOTAL			424.6		2663		34		0		2771		4414		492		1219	
		216.6		0		74		0		0		3919		10415		3024		26255

TABLE IV-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SUPPORT STS	STAFF YRS OTHER	MATH /BEF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANBL HLTH	OTH CSPS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	16	8.6	23.8	0	0	30	0	732	0	0	761	0	0	0	0	0	0	761
0200 WATER	6	7.6	8.0	0	0	7	0	542	0	0	549	0	0	0	0	0	0	549
0300 WATERSHEDS RIVER BAS	1	0.6	1.5	0	0	0	0	184	0	0	184	0	0	0	0	0	0	184
0400 AIR AND CLIMATE	1	0.2	1.0	0	0	0	0	39	0	0	39	0	0	0	0	0	0	39
0600 TIMBER FORST PRODUCT	4	2.4	2.1	0	0	0	0	168	0	0	168	0	0	0	0	0	0	168
0700 RANGE	2	0.7	1.2	0	0	0	0	80	0	0	80	0	0	0	0	0	0	80
0800 WILDLIFE AND FISH	14	5.7	21.6	0	0	109	0	752	0	0	861	0	32	2	0	11	0	907
1000 FRUIT NUTS DECIDUOUS	7	3.9	9.7	0	0	0	0	400	0	0	400	0	0	0	0	0	0	400
1100 POTATOES	1	0.0	0.2	0	0	0	0	5	0	0	5	0	0	0	0	0	0	5
1200 VEGETABLES	34	21.6	58.6	0	0	39	0	2238	0	0	2277	14	6	4	0	0	0	2301
1300 ORNAMENTALS TURF	1	0.3	0.7	0	0	0	0	21	0	0	21	0	0	0	0	0	0	21
1400 CORN	5	0.4	1.3	0	0	13	0	62	0	0	75	0	6	0	0	0	0	81
1500 GRAIN SORGHUM	3	0.1	0.5	0	0	0	0	15	0	0	15	0	0	1	0	0	0	16
1600 RICE	1	0.0	0.0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1
1700 WHEAT	3	0.9	1.5	0	0	0	0	89	0	0	89	0	0	0	0	0	0	89
1800 OTHER SMALL GRAINS	5	1.0	2.9	0	0	0	0	169	0	0	169	0	0	0	0	0	0	169
1900 PASTURE	2	0.2	2.1	0	0	1	0	64	0	0	65	0	0	0	0	0	0	65
2000 FORAGE CROPS	11	6.4	15.9	0	0	26	0	625	0	0	651	0	0	0	0	0	0	651
2100 COTTON	4	1.4	1.5	0	0	0	0	152	0	0	152	0	0	0	0	0	0	152
2200 COTTONSEED	1	0.1	0.0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	13
2300 SOYBEANS	26	15.0	38.8	0	0	47	0	1622	0	0	1668	1	0	2	0	0	0	1671
2400 PEANUTS	4	3.1	4.0	0	0	0	0	308	0	0	308	0	9	0	0	0	0	317
2500 OTHER OILSEED CROPS	2	1.4	5.0	0	0	0	0	145	0	0	145	0	0	31	0	1	0	177
2600 TOBACCO	2	1.0	4.8	0	0	370	0	42	0	0	412	0	0	0	0	0	0	412
2700 SUGAR CROPS	1	0.2	0.8	0	0	0	0	36	0	0	36	0	0	0	0	0	0	36
2800 MISC NEW CROPS	1	0.3	0.0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	20
2900 POULTRY	17	6.2	26.8	0	0	16	0	899	0	0	914	0	9	0	4	0	0	927
3000 BEEF CATTLE	21	7.0	34.8	0	0	17	0	1178	3	0	1198	0	0	0	18	0	0	1216
3100 DAIRY CATTLE	16	2.6	6.6	0	0	317	0	359	10	0	686	0	6	0	21	0	0	713
3200 SWINE	14	6.1	30.0	0	0	145	0	1064	1	0	1209	0	0	0	11	0	0	1220
3300 SHEEP AND WOOL	5	2.4	6.9	0	0	0	0	340	0	0	340	0	0	0	0	0	0	340
3400 OTHER ANIMALS	16	8.4	29.6	0	0	2	0	1540	7	0	1549	0	6	2	0	0	0	1557
3500 BEES AND HONEY	1	0.2	1.3	0	0	0	0	33	0	0	33	0	0	0	0	0	0	33
3600 FARM SUPP & FACILITS	2	0.1	0.5	0	0	0	0	15	0	0	15	0	0	2	0	0	0	17
3700 CLOTHING & TEXTILES	4	3.0	2.9	0	0	0	0	241	0	0	241	0	0	0	0	0	0	241
3800 FOOD	18	10.4	24.0	0	0	132	0	957	0	0	1089	0	0	0	0	0	0	1089
3900 HOUSING & EQUIP	2	1.2	2.1	0	0	166	0	80	0	0	247	0	0	0	0	0	0	247
4000 PEOPLE AS INDIVIDUAL	46	21.9	83.3	0	0	163	0	2501	0	0	2664	0	1	0	0	0	0	2666
4100 FAMILY MEMBERS	26	11.4	31.8	0	0	41	0	1167	0	0	1208	0	22	0	0	3	1	1234
4200 FARM AS BUSINESS	8	2.2	9.8	0	0	7	0	273	0	0	280	0	6	0	0	0	0	286
4300 SOC POLIT ORGANIZ	23	13.5	26.2	0	0	20	0	1070	0	0	1091	0	24	0	0	1	1	1116
4400 AGRIC ECONOMY U S	8	1.6	7.0	0	0	0	0	218	0	0	218	0	2	0	0	0	0	221
6100 WEEDS	1	0.0	0.0	0	0	7	0	0	0	0	7	0	0	0	0	0	0	7
6300 BIO CELL SYSTEMS	3	1.4	3.4	0	0	0	0	251	0	0	251	0	0	0	0	0	0	251
6500 INVERTEBRATES	1	1.5	0.9	0	0	0	0	73	0	0	73	0	0	1	0	0	0	74
6600 MICROORGANISMS VIRUS	3	1.5	2.5	0	0	0	0	117	0	0	117	0	0	0	0	0	0	117
6700 PLANTS	8	1.0	2.5	0	0	5	0	119	0	0	124	0	2	0	0	0	0	126
6800 ANIMALS(VERTEBRATES)	4	0.5	4.9	0	0	0	0	122	0	0	122	0	2	0	0	0	0	124
TOTAL		187.5	545.3	0	0	1680	0	21110	21	0	22812	15	168	46	54	16	2	23112

NATIONAL TOTAL 1890/TUSKEGEE INSTITUTIONS

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SYS	STAFF YRS OTHER	MATH /RRP	MCIN SIEN	SP COMP GT	EVNS ALIN	ANNL HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	CIH -ER	TOTAL
SERIES 100																	
101 APPRAIS OF SOIL RESO	3	0.6	0.8	0	0	1	0 43	0	0	45	0	0	0	0	0	0	45
102 SOIL PLNT WTR MGTMT	10	7.0	22.5	0	0	11	0 624	0	0	636	0	0	0	0	0	0	636
105 CONSERV USE OF WATER	2	0.5	1.2	0	0	0	0 40	0	0	40	0	0	0	0	0	0	40
107 WATERSHED PROT & MGM	2	0.6	1.2	0	0	0	0 62	0	0	62	0	0	0	0	0	0	62
109 WEATHER ADAPT & MOD	1	0.3	0.7	0	0	0	0 28	0	0	28	0	0	0	0	0	0	28
110 APPRAIS FORST & RANG	1	0.2	0.1	0	0	0	0 18	0	0	18	0	0	0	0	0	0	18
111 BIOL CULT MGMT FORST	1	0.9	1.4	0	0	0	0 66	0	0	66	0	0	0	0	0	0	66
112 IMPROV RANGE RESOR	1	0.5	1.0	0	0	0	0 58	0	0	58	0	0	0	0	0	0	58
113 REMOTE SENSING	1	0.4	0.3	0	0	0	0 40	0	0	40	0	0	0	0	0	0	40
SUBTOTAL			29.1		0		0	0		992		0		0		0	
		11.0		0		12	980		0		0		0		0		992
SERIES 200																	
204 CNTR PESTS FRT & VEG	2	0.1	0.9	0	0	0	0 21	0	0	21	0	0	0	0	0	0	21
205 CNTR DISE FRT & VEG	5	0.5	3.2	0	0	5	0 100	0	0	105	0	0	0	0	0	0	105
206 CNTR WEEDS FRT & VEG	3	0.3	0.7	0	0	8	0 28	0	0	36	0	0	0	0	0	0	36
207 CNTR PESTS FLD CROPS	8	2.5	9.3	0	0	1	0 372	0	0	373	0	0	3	0	0	0	377
208 CNTR DIS FIELD CROPS	7	4.0	5.4	0	0	11	0 407	0	0	418	0	0	0	0	0	0	418
209 CNTR WEEDS FLD CROPS	3	1.4	5.3	0	0	0	0 188	0	0	188	0	0	3	0	0	0	191
210 CONTR PESTS ANIMALS	1	0.6	2.0	0	0	0	0 127	0	0	127	0	0	0	0	0	0	127
211 CONTR DIS ANIMALS	14	1.3	8.7	0	0	2	0 268	12	0	282	0	0	0	0	0	0	282
213 PROT ANMLS FROM TOXI	3	0.2	1.1	0	0	0	0 47	0	0	47	0	0	0	0	0	0	47
214 PROTECT FROM POLLUTI	7	1.4	6.5	0	0	0	0 207	2	0	209	0	4	0	0	0	0	213
SUBTOTAL			43.1		0		0	14		1807		4		0		0	
		12.8		0		26	1767		0		0		7		0		1818
SERIES 300																	
301 GENET BREED FORST TR	1	1.2	0.4	0	0	0	0 75	0	0	75	0	0	0	0	0	0	75
304 IMP BIO EFF FRT & VE	30	14.0	47.8	0	0	30	0 1790	0	0	1820	6	0	3	0	0	0	1829
305 MECH PROD FRT & VEGS	1	0.1	0.4	0	0	0	0 16	0	0	16	0	0	0	0	0	0	16
306 PROD MGMT SYS F & V	2	0.1	0.9	0	0	0	0 29	0	0	29	0	0	0	0	0	0	29
307 IMP BIC EFF FLD CRP	29	12.8	31.7	0	0	52	0 1425	0	0	1478	1	0	28	0	1	0	1507
309 PROD MGMT SYS FLD CR	1	0.0	0.2	0	0	0	0 17	0	0	17	0	0	0	0	0	0	17
310 ANIMAL REPRODUCTION	11	6.2	26.7	0	0	34	0 1114	0	0	1148	0	0	0	21	0	0	1169
311 IMP BIO EFF ANML PR	27	11.5	52.5	0	0	17	0 2094	7	0	2118	0	5	1	20	0	0	2144
312 ENV STRESS IN ANML P	3	0.5	1.8	0	0	8	0 70	0	0	78	0	0	0	0	0	0	78
313 PROD MGMT SYS ANML P	8	4.0	10.1	0	0	79	0 557	0	0	636	0	0	0	9	0	0	645
314 BEES OTH POLLNTNG IN	1	0.2	1.3	0	0	0	0 33	0	0	33	0	0	0	0	0	0	33
315 IMP STRUC FARM SUPP	2	0.1	0.5	0	0	0	0 15	0	0	15	0	0	2	0	0	0	17
316 FARM BUSINESS MGMT	4	1.6	6.1	0	0	7	0 142	0	0	149	0	6	0	0	0	0	155
318 NON COM BIO TECH/EIM	8	3.1	5.1	0	0	9	0 375	0	0	384	0	0	1	0	0	0	384
SUBTOTAL			185.6		0		0	7		7996		12		50		0	
		55.5		0		237	7752		0		6		34		1		8099
SERIES 400																	
402 PROD F & V IMP ACCEP	4	1.0	3.4	0	0	0	0 126	0	0	126	8	0	0	0	0	0	134
403 NEW & IMP F & V PROD	3	0.3	0.1	0	0	0	0 66	0	0	66	0	4	0	0	0	0	70
405 PROD FLD CROP IMP AC	7	3.0	4.8	0	0	23	0 235	0	0	258	0	0	0	0	0	0	258
406 NEW IMP FOOD FLD CRO	4	1.2	2.0	0	0	0	0 141	0	0	141	0	2	0	0	0	0	144
407 NEW IMP NON FOOD FC	2	0.2	0.1	0	0	0	0 5	0	0	5	0	16	0	0	0	0	21
409 PROD ANML PR IMP ACC	12	4.8	15.5	0	0	352	0 518	0	0	870	0	4	1	2	0	0	878
410 IMP MEAT MILK EGG PR	5	0.6	1.4	0	0	0	0 99	0	0	99	0	2	0	1	0	0	103
411 IMP NON FOOD ANML PR	1	0.3	0.5	0	0	0	0 40	0	0	40	0	0	0	0	0	0	40
412 MKT QUAL ANIMAL PROD	1	0.4	5.4	0	0	0	0 95	0	0	95	0	0	0	0	0	0	95
SUBTOTAL			33.2		0		0	0		1701		28		4		0	
		11.9		0		375	1326		0		8		2		0		1743
SERIES 500																	
501 IMP GRADES & STANDS	1	0.4	0.4	0	0	0	0 29	0	0	29	0	0	0	0	0	0	29
506 SPLY DEMAND AND PRIC	1	1.2	0.5	0	0	0	0 48	0	0	48	0	0	0	0	0	0	48
508 DOMESTIC MKT DEVELP	2	0.3	0.7	0	0	0	0 53	0	0	53	0	0	0	0	0	0	53
SUBTOTAL			1.6		0		0	0		129		0		0		0	
		1.9		0		0	129		0		0		0		0		129
SERIES 700																	
701 TOX RES IN FOOD	7	7.3	11.6	0	0	0	0 444	0	0	444	0	8	0	0	0	0	453
702 FOOD PROT FROM TOX	8	2.7	7.3	0	0	50	0 214	0	0	263	0	8	0	0	0	0	272
703 FOOD CONSUMP HABITS	14	6.6	16.7	0	0	162	0 684	0	0	846	0	0	0	0	0	0	847
704 HOME CONM FOOD SERV	1	0.0	0.8	0	0	0	0 12	0	0	12	0	0	0	0	0	0	12
705 SEL CARE CLOTH & TEX	4	3.0	2.9	0	0	0	0 241	0	0	241	0	0	0	0	0	0	241
708 HUMAN NUTRITION	27	14.8	39.9	0	0	8	0 1539	0	0	1547	0	27	0	0	0	0	1574
709 REDUCE HAZ HLTH & SF	3	1.1	5.0	0	0	370	0 49	0	0	420	0	0	0	0	0	0	420
SUBTOTAL			84.2		0		0	0		3774		43		0		0	
		35.4		0		590	3184		0		0		0		0		3818
SERIES 800																	
801 RURAL HOUSING	2	1.2	2.1	0	0	166	0 80	0	0	247	0	0	0	0	0	0	247
802 INDIV & FAM DEC MAKI	12	8.0	17.6	0	0	9	0 783	0	0	792	0	13	0	0	2	1	808
803 RURAL POVERTY	15	10.8	28.1	0	0	0	0 1002	0	0	1002	0	9	0	0	1	1	1013
804 ECON POTENT RURL REG	13	8.1	44.9	0	0	56	0 959	0	0	1015	0	0	0	0	0	0	1015
805 COMMUNICAT EDUC PROC	5	2.0	4.2	0	0	34	0 316	0	0	351	0	7	0	0	1	0	359
806 ADJUSTMENT TO CHANGE	13	2.7	7.1	0	0	42	0 233	0	0	275	0	5	0	0	1	0	281
807 AGRIC ECONOMIC CHANG	8	3.2	13.9	0	0	0	0 434	0	0	434	0	4	0	0	0	0	438
SUBTOTAL			117.9		0		0	0		4114		39		0		2	
		36.0		0		307	3807		0		0		1		4		4159
SERIES 900																	
901 ALLEV POLLUTION	12	11.6	20.9	0	0	24	0 1059	0	0	1083	0	0	0	0	0	0	1083
904 WLDLFE AND FISH ECOL	13	4.5	18.4	0	0	109	0 645	0	0	753	0	32	2	0	11	0	799
906 ORNAMENT & TURF DEV	1	0.3	0.7	0	0	0	0 21	0	0	21	0	0	0	0	0	0	21
907 RURAL INCOME IMP	1	1.3	2.4	0	0	0	0 95	0	0	95	0	0	0	0	0	0	95
908 RURAL INSTITUT IMP	4	4.8	8.1	0	0	0	0 347	0	0	347	0	10	0	0	0	0	356
SUBTOTAL			50.6		0		0	0		2299		42		0		0	
		22.9		0		133	2166		0		0		2		11		2354
SCIENCE IN SERV OF MAN GRAND TOTAL			545.3		0		0	21		22812		168		54		2	
		187.5		0		1680	21110		0		15		46		16		23112

NATIONAL TOTAL SCHOOLS OF VETERINARY MEDICINE

TABLE IV-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YRS	STAFF OTHER YRS	MATH /BEF	MCIN STEN	SP GT	CONF GT	EVNS ALLN	ANMI HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	1	0.0	0.1	0	0	0	0	0	0	0	0	0	10	0	0	0	0	10
0800 WILDLIFE AND FISH	15	7.5	6.7	0	0	74	0	0	23	0	96	6	137	293	21	20	17	590
2900 POULTRY	52	21.6	69.9	12	0	100	0	0	119	0	230	44	750	1999	74	115	207	3419
3000 BEEF CATTLE	179	27.6	74.1	3	0	191	0	0	171	0	365	380	532	2039	711	222	239	4487
3100 DAIRY CATTLE	197	41.7	104.9	21	0	256	0	0	326	0	603	379	1187	1660	760	658	653	5901
3200 SWINE	112	26.2	46.2	0	0	114	0	0	189	0	303	172	229	2442	26	223	205	3555
3300 SHEEP AND WOOL	50	10.6	24.4	0	0	2	0	0	90	0	92	210	217	465	14	24	179	1202
3400 OTHER ANIMALS	203	63.2	182.5	0	0	108	0	0	92	0	201	179	3474	2902	835	377	2668	10631
3800 FOOD	2	1.0	1.2	0	0	0	0	0	0	0	0	41	0	57	0	0	4	101
4000 PEOPLE AS INDIVIDUAL	16	7.7	14.4	0	0	0	0	0	0	0	0	0	771	239	197	23	59	1290
4100 FAMILY MEMBERS	2	0.3	2.0	0	0	0	0	0	0	0	0	0	26	16	21	0	35	99
6300 BIO CELL SYSTEMS	20	3.1	14.6	0	0	0	0	0	0	0	0	0	434	50	0	0	312	796
6600 MICROORGANISMS VIRUS	7	2.1	7.4	0	0	0	0	0	0	0	0	21	249	100	0	18	4	392
6700 PLANTS	2	0.7	0.0	0	0	0	0	0	0	0	0	0	0	12	5	0	5	22
6800 ANIMALS(VERTEBRATES)	125	78.2	163.6	0	0	0	0	0	64	0	64	368	8967	3609	256	185	378	13827
7000 RSCH EQUIP & TECHNOL	3	0.7	1.7	0	0	0	0	0	7	0	7	0	67	2	18	0	0	94
TOTAL		292.2	713.8	35	0	845	0	0	1080	0	1960	1800	17048	15886	2938	1865	4962	46458

NATIONAL TOTAL SCHOOLS OF VETERINARY MEDICINE

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YRS	STAFF OTHER YRS	MATH /BEF	MCIN STEN	SP GT	CONF GT	EVNS ALLN	ANMI HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 200																		
210 CONTR PESTS ANIMALS	1	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
211 CONTR DIS ANIMALS	485	172.8	447.8	29	0	643	0	0	824	0	1496	1118	5575	12324	1874	1540	2472	26400
212 CNTR INTER PARASITES	51	14.6	20.8	6	0	19	0	0	61	0	86	488	271	691	1	96	244	1878
213 PROT ANMLS FROM TOXI	43	26.0	49.3	0	0	0	0	0	75	0	75	88	4270	762	94	66	880	6234
214 PROTECT FROM POLLUTI	16	14.6	54.1	0	0	0	0	0	2	0	2	10	2147	202	9	19	144	2533
SUBTOTAL		228.1	572.1	35	0	661	0	0	962	0	1659	1704	12264	13978	1979	1721	3740	37046
SERIES 300																		
310 ANIMAL REPRODUCTION	48	18.6	41.0	0	0	49	0	0	55	0	104	0	1437	515	498	53	227	2834
311 IMP BIO EFF ANML PR	49	16.5	39.6	0	0	39	0	0	33	0	72	38	1230	533	153	38	280	2344
312 ENV STRESS IN ANMI P	10	1.4	4.9	0	0	22	0	0	0	0	22	0	49	68	2	0	33	175
313 PROD MGMT SYS ANMI P	1	0.0	0.0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	6
318 NCN CON BIO TECH/EIN	49	10.8	30.7	0	0	0	0	0	7	0	7	11	1173	144	66	0	395	1796
SUBTOTAL		47.3	116.3	0	0	110	0	0	95	0	205	49	3889	1262	720	91	939	7155
SERIES 600																		
603 TECH AID DEV CNTY	1	0.3	1.1	0	0	0	0	0	0	0	0	0	0	33	0	0	144	177
SUBTOTAL		0.3	1.1	0	0	0	0	0	0	0	0	0	0	33	0	0	144	177
SERIES 700																		
702 FOOD PRCT FRGN TOX	4	1.3	2.3	0	0	0	0	0	0	0	0	41	9	57	0	10	4	120
707 TRANS ANIML HAN DIS	10	5.5	10.9	0	0	0	0	0	0	0	0	0	469	194	180	15	57	915
708 HUMAN NUTRITION	1	0.0	0.3	0	0	0	0	0	0	0	0	0	0	10	0	0	23	34
709 REDUCE HAZ HLTH & SF	6	2.3	4.0	0	0	0	0	0	0	0	0	0	159	61	38	8	37	303
SUBTOTAL		9.2	17.5	0	0	0	0	0	0	0	0	41	637	323	218	33	121	1372
SERIES 800																		
805 COMMUNICAT EDUC PROC	1	0.0	0.0	0	0	0	0	0	0	0	0	0	116	0	0	0	0	116
SUBTOTAL		0.0	0.0	0	0	0	0	0	0	0	0	0	116	0	0	0	0	116
SERIES 900																		
901 ALLEV POLLUTION	1	0.0	0.1	0	0	0	0	0	0	0	0	0	10	0	0	0	0	10
904 WLDLFE AND FISH ECOL	14	7.3	6.7	0	0	74	0	0	23	0	96	6	133	290	21	20	17	582
SUBTOTAL		7.3	6.8	0	0	74	0	0	23	0	96	6	142	290	21	20	17	552
SCIENCE IN SERV OF MAN																		
GRAND TOTAL		292.2	713.8	35	0	845	0	0	1080	0	1960	1800	17048	15886	2938	1865	4962	46458

NATIONAL TOTAL OTHER NON-FEDERAL INSTITUTIONS

TABLE IV-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SUPPORT SYS	STAFF YRS OTHER	MATH /BEF	BCIN STEN	SP GT	COMP GI	EVES ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0600 TIMBER FORST PRODUCT	1	0.3	0.3	0	0	0	11	0	0	0	11	0	0	0	0	0	3	14
0900 CITRUS SUB TROP FRUT	1	0.5	0.5	0	0	0	0	0	0	0	0	0	7	40	0	0	0	47
1000 FRUIT NUTS DECIDUOUS	3	0.7	2.7	0	0	12	3	0	0	0	15	0	0	22	0	1	60	97
1200 VEGETABLES	1	0.1	1.4	0	0	0	28	0	0	0	28	0	0	0	0	0	0	28
1400 CORN	4	0.0	0.1	0	0	0	95	0	0	0	95	0	0	2	0	0	0	96
2000 FORAGE CROPS	1	0.5	1.8	0	0	0	17	0	0	0	17	0	0	0	0	0	0	17
2300 SOYBEANS	2	0.2	0.0	0	0	0	97	0	0	0	97	0	0	0	0	0	0	97
2500 OTHER OILSEED CROPS	1	0.0	0.0	0	0	0	12	0	0	0	12	0	0	0	0	0	0	12
2700 SUGAR CROPS	1	0.3	1.1	0	0	0	38	0	0	0	38	0	0	28	0	0	0	67
3000 BEEF CATTLE	1	0.0	0.0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	6
3100 DAIRY CATTLE	1	0.0	0.0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	6
3600 FARM SUPP & FACILITS	1	0.0	0.0	0	0	0	30	0	0	0	30	0	0	0	0	0	0	30
3800 FOOD	19	6.0	46.1	0	0	0	773	0	0	0	773	0	23	0	0	0	0	796
3900 HOUSING & EQUIP	1	0.1	0.1	0	0	0	0	0	0	0	0	20	0	0	0	0	0	20
6300 BIO CELL SYSTEMS	7	1.3	5.2	0	0	0	214	0	0	0	214	0	68	0	0	0	0	282
6500 INVERTEBRATES	2	0.0	1.0	0	0	0	18	0	0	0	18	0	0	0	0	0	1	20
6600 MICROORGANISMS VIRUS	24	19.4	43.9	0	0	0	693	0	0	0	693	0	120	19	0	0	162	994
6700 PLANTS	52	5.3	20.5	0	0	0	1086	0	0	0	1086	10	0	13	0	213	40	1362
7000 RSCH EQUIP & TECHNOL	3	0.0	0.9	0	0	0	0	0	0	0	0	0	0	0	0	540	0	540
TOTAL		34.7	125.7	0	0	12	3115	0	0	0	3127	42	218	123	0	754	267	4531

NATIONAL TOTAL OTHER NON-FEDERAL INSTITUTIONS

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF YRS SUPPORT SYS	STAFF YRS OTHER	MATH /BEF	BCIN STEN	SP GT	COMP GI	EVES ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 200																		
205 CNTR DISE FRT & VEG	4	0.8	4.5	0	0	0	101	0	0	0	101	0	0	36	0	1	0	138
208 CNTR DIS FIELD CROPS	3	0.3	1.2	0	0	0	71	0	0	0	71	0	0	28	0	0	0	99
211 CONTR DIS ANIMALS	1	0.0	0.0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	12
214 PROTECT FROM POLLUTI	3	0.0	1.3	0	0	0	0	0	0	0	0	0	0	0	0	753	0	753
SUBTOTAL		1.1	7.0	0	0	0	171	0	0	0	171	12	0	64	0	754	0	1002
SERIES 300																		
304 IMP BIO EFF FRT & VE	2	0.9	3.2	0	0	0	66	0	0	0	66	0	0	0	0	0	81	148
305 MECH PROD FRT & VEGS	1	0.5	0.5	0	0	0	0	0	0	0	0	0	7	40	0	0	0	47
306 PROD MGMT SYS F & V	1	0.0	0.0	0	0	7	0	0	0	0	7	0	0	0	0	0	0	7
307 IMP BIO EFF FLD CRP	8	0.7	1.9	0	0	0	221	0	0	0	221	0	0	2	0	0	0	222
315 IMP STRUC FARM SUPP	2	0.1	0.1	0	0	0	30	0	0	0	30	20	0	0	0	0	0	50
318 NCM COM BIO TECH/PIM	54	25.4	66.9	0	0	0	1853	0	0	0	1853	10	188	18	0	0	186	2254
SUBTOTAL		27.6	72.6	0	0	7	2170	0	0	0	2178	30	195	60	0	0	267	2725
SERIES 400																		
403 NEW & IMP F & V PROD	1	0.0	0.0	0	0	5	0	0	0	0	5	0	0	0	0	0	0	5
SUBTOTAL		0.0	0.0	0	0	5	0	0	0	0	5	0	0	0	0	0	0	5
SERIES 700																		
708 HUMAN NUTRITION	19	6.0	46.1	0	0	0	773	0	0	0	773	0	23	0	0	0	0	796
SUBTOTAL		6.0	46.1	0	0	0	773	0	0	0	773	0	23	0	0	0	0	796
SCIENCE IN SERV OF MAN GRAND TOTAL		34.7	125.7	0	0	12	3115	0	0	0	3127	42	218	123	0	754	267	4531

SAES REGION 1 NORTHEAST REGION -- (INCLUDES SAES - OTHER INSTITUTIONS)

TABLE IV-E SUMMARY BY STATION OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

STATION		NO OF PROJ	STAFF SUPPORT YRS	STAFF OTHER	HATH /BRF	HCIN STEN	SP GT	COMP GT	EVNS ALLN	ANNL HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
CONNECTICUT	NEW HAVEN	45	34.4	21.7	692	112	0	0	0	0	0	804	0	0	2263	0	0	0	3067
CONNECTICUT	STORRS	66	26.9	73.0	844	36	52	88	0	22	0	1042	0	575	2302	19	77	136	4151
DIST OF COLUM	WASHINGTON	4	1.6	12.0	126	0	0	0	0	0	0	126	0	0	0	0	0	0	126
DELAWARE	NEWARK	115	30.0	67.6	1064	70	41	44	0	17	0	1236	111	84	2106	267	127	238	4169
MASSACHUSETTS	AMHERST	122	51.3	155.0	1818	153	7	73	0	16	0	2067	261	389	2816	108	379	214	6233
MARYLAND	COLLEGE PA	157	80.0	163.5	2061	168	185	42	0	57	0	2514	0	0	5190	454	0	0	8156
MAINE	ORONO	116	73.0	117.1	1497	350	157	0	0	23	0	2026	335	344	2395	500	690	623	6913
NEW HAMPSHIRE	DURHAM	80	25.8	54.7	1170	194	5	0	0	12	0	1381	0	20	1296	140	0	0	2837
NEW JERSEY	NEW BRUNSW	273	89.9	168.9	2123	138	344	0	0	29	0	2635	30	558	5964	6	760	512	10466
NEW YORK	ITHACA	721	286.9	628.9	3651	88	172	690	0	47	0	4648	1181	8424	13584	3747	1655	4352	37551
NEW YORK	GENEVA	133	61.9	154.8	713	0	348	38	0	0	0	1099	109	319	4614	241	522	324	7229
PENNSYLVANIA	COLLEGE PA	307	140.7	375.4	4931	304	364	78	0	53	0	5731	506	698	7900	0	1558	574	16967
RHODE ISLAND	KINGSTON	53	28.6	70.3	1015	55	72	21	0	13	0	1176	85	1317	534	22	60	54	3648
VERMONT	BURLINGTON	78	28.2	54.2	1188	0	0	20	0	18	0	1226	0	146	1226	2	280	133	3014
WEST VIRGINIA	MORGANTOWN	98	47.1	80.7	2203	251	9	0	0	17	0	2480	88	4	1953	363	57	189	5134
SUBTOTAL - SAES		2368	1006.3	2197.8	25096	1920	1756	1094	0	324	0	30191	2704	12879	54544	5670	6166	7349	119702
FORESTRY SCH	SYRACUSE	155	47.6	74.4	0	229	1	0	0	0	0	230	287	1116	2029	0	617	360	4638
FORESTRY SCH	BURLINGTON	13	3.6	8.5	0	202	0	0	0	0	0	202	50	0	202	1	0	9	463
SUBTOTAL - FRSTY SCH		168	51.2	82.9	0	431	1	0	0	0	0	431	336	1116	2230	1	617	369	5101
DEL STATE COL	DOVER	7	4.4	8.5	0	0	0	0	447	0	0	447	0	0	0	0	0	0	447
MD. STATE COL	PRINCESS A	8	6.4	18.0	0	0	109	0	735	0	0	843	0	31	0	0	15	2	892
SUBTOTAL - 1890/TUSK		15	10.8	26.5	0	0	109	0	1181	0	0	1290	0	31	0	0	15	2	1339
SCH VET MED	MASSACHUSE	26	9.8	31.1	0	0	0	0	0	51	0	51	0	820	0	0	0	287	1157
SCH VET MED	NEW YORK	131	64.5	154.0	35	0	359	0	0	169	0	564	92	3293	2628	1632	410	1870	10490
SCH VET MED	PENNSYLVAN	51	19.1	68.0	0	0	114	0	0	118	0	231	38	1307	0	0	450	967	2953
SUBTOTAL - VET MED		208	93.4	253.1	35	0	473	0	0	337	0	846	130	5420	2628	1632	860	3125	14641
OTH COOP INS	CANADA	1	0.4	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60
OTH COOP INS	DIST COLUM	1	2.4	31.5	0	0	0	101	0	0	0	101	0	0	0	0	0	0	101
OTH COOP INS	MASSACHUSE	4	2.3	4.9	0	0	0	200	0	0	0	200	0	0	0	0	0	0	200
OTH COOP INS	MARYLAND	6	1.3	4.2	0	0	0	215	0	0	0	219	0	0	0	0	0	0	215
OTH COOP INS	NEW JERSEY	2	0.5	0.7	0	0	0	53	0	0	0	53	0	0	0	0	0	5	58
OTH COOP INS	NEW YORK	11	4.4	7.7	0	0	0	415	0	0	0	415	0	25	5	0	0	0	445
OTH COOP INS	PENNSYLVAN	2	0.0	6.0	0	0	0	36	0	0	0	36	0	23	0	0	0	0	59
OTH COOP INS	RHODE ISLA	2	0.2	0.4	0	0	0	58	0	0	0	58	0	0	0	0	0	0	58
SUBTOTAL - OCI		29	11.5	56.8	0	0	0	1083	0	0	0	1083	0	48	5	0	0	65	1201
TOTAL		2788	1173.2	2617.1	25131	2351	2338	2177	1181	662	0	33841	3171	19493	59407	7503	7658	10910	141983

TABLE IV-E SUMMARY BY STATION OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

STATION		NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	HATH /REF	HCIN STEN	SP GT	COMP GT	EVNS ALLN	ANNI HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
ALABAMA	AUBURN	209	126.6	565.8	3248	401	230	22	0	88	0	3989	492	676	8003	4566	971	558	19255
ARKANSAS	FAYETTEVIL	310	108.8	475.8	2827	355	359	45	0	82	0	3668	643	167	10879	201	1309	1353	18220
FLORIDA	GAINESVILL	771	370.7	941.1	2356	291	584	251	0	82	0	3563	2180	2727	35060	229	4119	1534	49412
GEORGIA	ATHENS	381	175.8	747.1	3760	403	128	107	0	38	0	4435	755	782	24514	0	319	2174	33378
KENTUCKY	LEXINGTON	216	121.4	434.2	4037	243	204	107	0	58	0	4689	0	77	9207	0	0	316	14288
LOUISIANA	BATON ROUG	489	214.5	0.8	2611	250	186	29	0	90	0	3166	330	361	19990	2859	1606	350	28662
MISSISSIPPI	STATE COLL	273	166.3	688.6	3489	380	424	44	0	94	0	4431	913	159	13490	2493	707	2650	24844
NORTH CAROLINA	RALEIGH	581	238.5	910.1	5319	385	228	435	0	98	0	6469	904	2856	23839	1035	2073	2927	40103
OKLAHOMA	STILLWATER	233	115.0	357.7	2508	214	48	76	0	130	0	2976	122	348	10986	1194	618	297	16541
PUERTO RICO	RIO PIEDRA	69	67.7	492.2	3565	8	0	0	0	21	0	3593	0	204	3724	839	35	7	8402
SOUTH CAROLINA	CLEMSON	258	96.3	366.3	2829	0	121	20	0	20	0	2991	0	0	10990	0	0	0	13980
TENNESSEE	KNOXVILLE	188	95.8	269.0	3922	274	62	34	0	77	0	4369	110	150	6834	3284	334	236	15316
TEXAS	COLLEGE ST	494	362.1	1427.5	4701	166	243	47	0	377	0	5534	1947	634	28355	1688	7174	0	45332
VIRGINIA	BLACKSBURG	283	155.4	534.1	3414	342	113	42	0	96	0	4006	815	1303	11438	0	2496	1926	21985
VIRGIN ISLANDS	ST. THOMAS	12	6.0	20.9	416	0	18	0	0	0	0	434	0	0	187	0	0	0	621
SUBTOTAL - SAES		4767	2420.9	8231.2	49002	3711	2947	1262	0	1390	0	58311	9212	10443	217896	18387	21761	14329	350339
FORESTRY SCH	HUSTON	10	3.4	1.2	0	102	0	0	0	0	0	102	0	0	177	0	0	0	279
FORESTRY SCH	CLEMSON	82	17.3	31.8	0	319	0	0	0	0	0	319	213	0	846	0	152	0	1530
FORESTRY SCH	NACOGDOCHE	15	5.6	7.0	0	135	0	0	0	0	0	135	29	0	311	0	12	0	487
SUBTOTAL - FRSTY SCH		107	26.3	40.0	0	556	0	0	0	0	0	556	242	0	1334	0	163	0	2295
ALA TUSKEGEE	TUSKEGEE	46	7.6	42.3	0	0	68	0	1280	21	0	1369	0	0	0	0	0	0	1369
ALABAMA A&M	NORMAL	26	12.6	11.7	0	0	0	0	1300	0	0	1300	0	90	0	0	0	0	1390
ARKANSAS A&M	PINE BLUFF	22	10.4	31.7	0	0	18	0	1122	0	0	1140	15	47	41	0	1	0	1243
FLORIDA A&M	TALLAHASSE	7	14.1	14.5	0	0	0	0	890	0	0	890	0	0	0	0	0	0	890
FT. VALLEY CCL	FORT VALLE	22	13.6	35.1	0	0	4	0	1407	0	0	1411	0	0	5	0	0	0	1416
KY STATE COLL	FRANKFORT	19	20.1	27.1	0	0	38	0	1572	0	0	1610	0	0	0	0	0	0	1610
SOUTHERN UNIV	BATON ROUG	15	8.6	35.6	0	0	9	0	1030	0	0	1040	0	0	0	54	0	0	1093
ALCORN A&M	LORMAN	17	4.3	35.0	0	0	60	0	1205	0	0	1265	0	0	0	0	0	0	1265
AG TECH NC.	GREENSBORO	28	16.2	82.4	0	0	852	0	2034	0	0	2886	0	0	0	0	0	0	2886
LANGSTON UNIV	LANGSTON	10	5.5	16.4	0	0	194	0	964	0	0	1159	0	0	0	0	0	0	1159
SC STATE COLL	ORANGEBURG	16	7.9	28.9	0	0	82	0	1123	0	0	1205	0	0	0	0	0	0	1205
TEN A&M IND	NASHVILLE	14	14.1	41.2	0	0	0	0	1257	0	0	1257	0	0	0	0	0	0	1257
PRAIRIE VW A&M	PRAIRIE VI	9	13.1	39.0	0	0	180	0	1941	0	0	2121	0	0	0	0	0	0	2121
VA STATE COLL	PETERSBURG	13	18.7	50.5	0	0	66	0	1335	0	0	1401	0	0	0	0	0	0	1401
SUBTOTAL - 1890/TUSK		268	166.8	491.4	0	0	1572	0	18460	21	0	20052	15	137	46	54	1	0	20304
SCH VET MED	ALABAMA	23	9.0	7.3	0	0	0	0	0	21	0	21	10	7	609	0	15	12	675
SCH VET MED	FLORIDA	34	9.5	41.3	0	0	0	0	0	22	0	22	19	402	1878	0	113	275	2710
SCH VET MED	GEORGIA	34	27.1	58.5	0	0	190	0	0	130	0	321	87	249	3276	0	27	218	4179
SCH VET MED	TENNESSEE	4	0.2	6.0	0	0	0	0	0	0	0	0	0	237	0	0	0	1	237
SCH VET MED	TEXAS	9	8.6	12.0	0	0	42	0	0	0	0	42	100	719	796	0	292	103	2052
SUBTOTAL - VET MED		104	54.4	125.1	0	0	232	0	0	174	0	406	216	1614	6560	0	448	609	9853
OTH COOP INS	FLORIDA	3	1.3	3.7	0	0	0	43	0	0	0	43	0	7	104	0	1	0	156
OTH COOP INS	N CAROLINA	3	1.4	2.0	0	0	0	61	0	0	0	61	12	0	13	0	0	0	86
OTH COOP INS	OKLAHOMA	1	0.0	0.0	0	0	0	49	0	0	0	49	0	0	0	0	0	0	49
OTH COOP INS	TENNESSEE	1	0.2	0.2	0	0	0	15	0	0	0	15	0	0	0	0	0	0	15
OTH COOP INS	TEXAS	4	0.7	2.1	0	0	0	104	0	0	0	104	0	0	0	0	0	0	104
OTH COOP INS	VIRGINIA	1	0.0	0.0	0	0	0	61	0	0	0	61	0	0	0	0	0	0	61
SUBTOTAL - OCI		13	3.6	8.0	0	0	0	333	0	0	0	333	12	7	117	0	1	0	470
TOTAL		5255	2672.0	8895.7	49002	4267	4750	1595	18460	1585	0	79659	9697	12200	225952	18441	22374	14938	383262

SAES REGION 3 NORTH CENTRAL REGION -- (INCLUDES SAES - OTHER INSTITUTIONS)

TABLE IV-E SUMMARY BY STATION OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

	STATION	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	HATH /RRF	HCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	CTH FED	STATE APPRO	PROD SALE	IND -TRY	CTH -ER	TOTAL
ILLINOIS	URBANA	351	150.6	498.9	4414	87	301	323	0	164	0	5290	475	1067	8922	1808	1830	1033	20424
INDIANA	LAFAYETTE	386	172.6	596.7	3976	225	304	425	0	124	0	5053	1112	3901	12325	4267	2845	1133	30637
IOWA	AMES	369	117.8	476.4	4645	128	333	233	0	64	0	5403	2257	827	10274	1100	3572	1805	25237
KANSAS	MANHATTAN	404	202.4	520.8	2801	117	158	120	0	187	0	3383	392	3012	12121	5352	1865	51	26176
MICHIGAN	LANSING	397	154.0	317.0	4055	122	853	322	0	110	0	5462	786	2166	12199	355	2010	1661	24638
MINNESOTA	ST PAUL	370	171.5	518.2	4010	285	177	57	0	70	0	4600	1519	1582	21338	0	1077	950	31066
MISSOURI	COLUMBIA	228	101.7	660.1	3776	267	313	330	0	190	0	4875	598	1927	6573	2531	807	1125	18836
NORTH DAKOTA	FARGO	257	141.6	225.2	1947	63	105	62	0	57	0	2234	440	372	9769	1784	822	843	16265
NEBRASKA	LINCOLN	307	129.0	755.8	2698	89	181	284	0	193	0	3445	1883	599	10701	9327	1179	781	27913
OHIO	WOOSTER	301	100.9	201.2	4721	236	331	20	0	62	0	5370	79	207	16671	0	0	0	22326
SOUTH DAKOTA	BROOKINGS	184	96.0	174.3	1996	89	33	53	0	106	22	2299	81	79	4227	0	231	1285	8202
WISCONSIN	MADISON	571	160.3	605.0	4129	284	563	510	0	213	0	5699	699	7690	16100	0	3573	329	34085
SUBTOTAL - SAES		4125	1698.4	5549.6	43167	1991	3654	2739	0	1539	22	53112	10319	23429	141620	26523	19811	10997	285810
FORESTRY SCH	CARBONDALE	15	6.0	2.0	0	94	0	0	0	0	0	94	35	15	135	0	0	0	279
FORESTRY SCH	ANN ARBOR	25	2.6	10.6	0	106	0	0	0	0	0	106	0	96	160	0	10	35	407
FORESTRY SCH	HOUGHTON	11	9.1	26.3	0	122	0	0	0	0	0	122	0	0	452	0	1082	86	1743
SUBTOTAL - FRSTY SCH		51	17.7	38.9	0	321	0	0	0	0	0	321	35	111	747	0	1092	121	2428
LINCOLN UNIV	JEFFERSON	13	9.9	27.4	0	0	0	0	1469	0	0	1469	0	0	0	0	0	0	1469
SUBTOTAL - 1890/TUSK		13	9.9	27.4	0	0	0	0	1469	0	0	1469	0	0	0	0	0	0	1469
SCH VET MED	IOWA	122	31.1	78.5	0	0	79	0	0	263	0	342	434	610	3357	0	364	294	5400
SCH VET MED	KANSAS	25	2.6	10.0	0	0	0	0	0	0	0	0	0	0	225	0	38	0	263
SCH VET MED	OHIO	50	6.3	32.8	0	0	19	0	0	85	0	104	124	898	0	0	79	280	1485
SUBTOTAL - VET MED		197	40.0	121.3	0	0	97	0	0	348	0	446	559	1507	3582	0	480	573	7147
OTH COOP INS	ILLINOIS	4	12.3	24.4	0	0	0	220	0	0	0	220	0	0	0	0	0	0	220
OTH COOP INS	INDIANA	1	0.0	0.0	0	0	0	24	0	0	0	24	0	0	0	0	0	0	24
OTH COOP INS	IOWA	2	0.1	1.5	0	0	0	65	0	0	0	65	0	0	2	0	0	0	67
OTH COOP INS	KANSAS	2	0.0	1.0	0	0	0	23	0	0	0	23	0	0	0	0	0	0	23
OTH COOP INS	MICHIGAN	2	0.6	2.6	0	0	0	86	0	0	0	86	0	0	0	0	0	0	86
OTH COOP INS	MISSOURI	6	0.4	2.3	0	0	0	146	0	0	0	146	0	0	0	0	0	1	147
OTH COOP INS	N DAKOTA	2	0.0	0.0	0	0	0	51	0	0	0	51	0	0	0	0	0	0	51
OTH COOP INS	OHIO	10	4.0	13.2	0	0	0	254	0	0	0	254	0	0	0	0	0	200	454
OTH COOP INS	WISCONSIN	2	0.3	1.8	0	0	0	73	0	0	0	73	0	0	0	0	0	0	73
SUBTOTAL - CCI		31	17.7	46.8	0	0	0	943	0	0	0	943	0	0	2	0	0	201	1146
TOTAL		4417	1783.7	5784.0	43167	2313	3751	3681	1469	1887	22	56291	10913	25047	145951	26523	21383	11893	298001

TABLE IV-E SUMMARY BY STATION OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

STATION		NC OF PROJ	STAFF SUPPORT YRS	STAFF OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANMI HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRC	PROD SALE	IND -TRY	OTH -ER	TOTAL
ALASKA	FAIRBANKS	24	7.8	22.9	820	221	50	0	0	15	0	1106	5	0	2446	0	0	154	3712
ARIZONA	TUCSON	264	147.3	338.8	1595	97	451	129	0	59	292	2624	799	1395	10643	392	857	1475	18185
CALIFORNIA	BERKELEY	1217	566.0	1856.9	4188	362	1931	198	0	212	83	6974	2962	10187	64156	126	7715	552	92671
COLORADO	FT COLLINS	176	195.5	437.7	2170	167	170	0	0	260	0	2767	2188	8894	6343	2362	124	966	23644
GUAM	AGANA	21	10.5	34.3	637	0	4	0	0	0	0	640	95	0	424	0	0	0	1159
HAWAII	HONOLULU	220	93.5	167.3	1072	97	67	1	0	8	0	1245	917	536	7143	0	97	580	10519
IDAHO	MOSCOW	122	58.0	165.3	1708	0	411	82	0	101	0	2301	1012	297	4973	93	522	1277	10476
MONTANA	BOZEMAN	148	77.1	283.1	1704	0	90	4	0	84	0	1882	107	304	5694	2144	707	304	11142
NEVADA	RENO	110	34.6	61.3	951	75	31	1	0	23	0	1081	499	101	2704	307	0	36	4728
NEW MEXICO	UNIV PARK	155	76.5	124.2	1331	156	170	49	0	40	66	1812	525	696	5340	191	222	200	8985
OREGON	CORVALLIS	322	212.4	273.7	2297	0	658	313	0	60	4	3332	445	1418	10087	1344	1419	1625	19673
AMERICAN SAMOA	PAGO PAGO	1	0.0	3.2	100	0	0	0	0	0	0	100	0	0	0	0	0	0	100
UTAH	LOGAN	192	71.5	117.7	1451	134	64	40	0	61	0	1750	632	474	4982	431	613	124	9006
WASHINGTON	PULLMAN	324	127.7	373.8	2830	194	375	103	0	91	0	3593	604	2069	9051	3723	994	2554	22590
WYOMING	LARAMIE	66	39.8	89.4	1236	51	31	25	0	42	0	1385	124	229	1999	0	0	130	3867
SUBTOTAL - SAES		3362	1719.4	4309.6	24090	1554	4502	946	0	1057	445	32594	10914	26600	135985	11114	13271	9981	240457
FORESTRY SCH	FLAGSTAFF	24	4.5	9.2	0	98	0	0	0	0	0	98	78	64	122	0	0	0	361
FORESTRY SCH	ARCATA	8	0.7	1.2	0	38	0	0	0	0	0	38	0	0	0	0	0	38	77
FORESTRY SCH	MOSCOW	117	32.7	64.1	0	285	74	0	0	0	0	358	631	654	1735	215	166	108	3867
FORESTRY SCH	MISSOULA	56	13.4	16.8	0	257	0	0	0	0	0	257	267	48	733	35	53	105	1498
FORESTRY SCH	CORVALLIS	120	46.4	127.4	0	432	0	34	0	0	0	466	1798	1157	2053	241	348	12	6074
FORESTRY SCH	SEATTLE	29	23.7	44.1	0	246	0	0	0	0	0	246	531	1264	1461	0	585	466	4554
SUBTOTAL - FRSTY SCH		354	121.4	262.8	0	1355	74	34	0	0	0	1463	3305	3187	6104	491	1152	729	16431
SCH VET MED	CALIFORNIA	71	75.5	169.5	0	0	0	0	0	179	0	179	503	7253	320	790	0	176	9221
SCH VET MED	COLORADO	2	2.4	1.8	0	0	0	0	0	0	0	0	0	0	17	516	0	0	533
SCH VET MED	IDAHO	3	2.7	2.0	0	0	0	0	0	0	0	0	0	197	0	0	7	0	204
SCH VET MED	OREGON	13	1.4	3.6	0	0	43	0	0	41	0	84	23	98	36	0	28	11	280
SCH VET MED	WASHINGTON	116	22.4	37.4	0	0	0	0	0	0	0	0	369	959	2743	0	41	468	4579
SUBTOTAL - VET MED		205	104.4	214.3	0	0	43	0	0	220	0	263	895	8507	3116	1306	76	654	14817
OTH COOP INS	CALIFORNIA	11	0.2	5.3	0	0	12	393	0	0	0	406	10	95	0	0	0	0	510
CALIFORNIA	NEWBURY PA	3	0.0	1.3	0	0	0	0	0	0	0	0	0	0	0	0	753	0	753
OTH COOP INS	COLORADO	2	0.5	2.5	0	0	0	120	0	0	0	120	0	0	0	0	0	0	120
OTH COOP INS	NEVADA	1	0.1	0.1	0	0	0	0	0	0	0	0	20	0	0	0	0	0	20
OTH COOP INS	OREGON	1	0.7	1.1	0	0	0	35	0	0	0	35	0	68	0	0	0	0	104
OTH COOP INS	UTAH	1	0.1	1.3	0	0	0	58	0	0	0	58	0	0	0	0	0	0	58
OTH COOP INS	WASHINGTON	3	0.3	2.5	0	0	0	151	0	0	0	151	0	0	0	0	0	0	151
SUBTOTAL - OCI		22	1.9	14.1	0	0	12	757	0	0	0	769	30	163	0	0	753	0	1714
TOTAL		3943	1947.1	4800.8	24090	2910	4630	1736	0	1277	445	35088	15143	38457	145204	12911	15252	11365	273419
GRAND TOTAL		16403	7576.0	22097.6	141390	11841	15470	9189	21110	5411	467	204878	38924	95158	576514	65378	66668	49106	1096665

TABLE V-C NATIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983

RESEARCH PROGRAM GROUP SUMMARY

		USDA				OTHER INSTITUTIONS						
		ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00:	NATURAL RESOURCES	381.8	81.4	2.7	465.9	776.3	20.5	20.0	15.8	0.0	832.7	1298.6
RPG 2.00:	FOREST RESOURCES	6.1	0.0	830.5	836.7	445.2	2.2	181.7	0.0	0.2	629.4	1466.2
RPG 3.00:	CROPS (FIELD & HORTICULTURAL)	1456.6	12.7	1.0	1470.3	2839.0	45.8	3.7	0.0	7.6	2896.2	4366.6
RPG 4.00:	ANIMALS	577.1	9.3	0.0	586.5	1440.5	36.5	0.8	261.7	0.0	1739.5	2326.1
RPG 5.00:	PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	39.9	58.6	3.5	98.0	349.5	42.0	0.8	7.8	0.0	400.2	498.2
RPG 6.00:	COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	39.9	306.9	0.0	346.9	409.2	6.4	1.0	0.3	0.1	417.2	764.1
RPG 7.00:	GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	47.0	0.0	0.0	47.0	251.0	2.5	8.3	5.1	20.7	287.8	334.9
RPG 8.00:	FOOD SCIENCE AND HUMAN NUTRITION	241.7	6.0	0.0	247.7	334.0	31.3	0.0	1.3	6.0	372.6	620.3
RPG 9.00:	UNCLASSIFIED	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
GRAND TOTAL		2791.5	471.1	837.7	4100.3	6845.0	187.5	216.6	292.2	34.7	7576.0	11676.3

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983 FOREIGN

RESEARCH PROGRAM GROUP SUMMARY

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 2.00: FOREST RESOURCES	1.2	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	3.5	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.4	0.4	3.9
RPG 4.00: ANIMALS	1.7	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	1.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.8	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	1.8
GRAND TOTAL	8.4	0.0	0.0	8.4	0.0	0.0	0.0	0.0	0.4	0.4	8.8

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM GROUP SUMMARY NORTHEAST REGION

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	79.6	81.4	0.0	161.0	112.6	1.6	6.8	1.8	0.0	122.9	284.0
RPG 2.00: FOREST RESOURCES	3.4	0.0	103.0	106.5	85.8	0.0	33.3	0.0	0.2	119.5	226.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	251.5	12.7	0.0	264.2	341.2	5.7	1.6	0.0	1.7	350.2	614.5
RPG 4.00: ANIMALS	238.6	9.3	0.0	247.9	183.3	0.6	0.8	80.9	0.0	265.7	513.7
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	8.1	54.6	0.0	62.7	81.5	1.5	0.5	6.3	0.0	89.8	152.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.9	306.9	0.0	308.9	71.0	0.0	0.0	0.0	0.0	71.0	380.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	21.1	0.0	0.0	21.1	54.2	0.0	8.0	4.2	3.9	70.4	91.5
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	106.6	6.0	0.0	112.6	76.4	1.3	0.0	0.0	5.2	82.9	195.6
GRAND TOTAL	711.2	471.1	103.0	1285.3	1006.3	10.8	51.2	93.4	11.1	1172.8	2458.1

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM GROUP SUMMARY SOUTHERN REGION

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	123.5	0.0	0.0	123.5	220.6	18.9	1.2	1.1	0.0	241.9	365.5
RPG 2.00: FOREST RESOURCES	0.9	0.0	186.7	187.6	169.0	2.2	24.5	0.0	0.0	195.7	383.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	547.6	0.0	0.0	547.6	1144.2	37.6	0.2	0.0	3.1	1185.2	1732.8
RPG 4.00: ANIMALS	125.7	0.0	0.0	125.7	511.3	32.0	0.0	51.9	0.0	595.2	721.0
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	31.1	0.0	3.5	34.6	87.4	40.0	0.0	0.3	0.0	127.7	162.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	12.4	0.0	0.0	12.4	151.2	6.4	0.2	0.0	0.0	157.9	170.4
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	5.9	0.0	0.0	5.9	55.9	2.5	0.0	0.0	0.3	58.7	64.6
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	38.2	0.0	0.0	38.2	81.0	27.0	0.0	1.0	0.2	109.2	147.4
RPG 9.00: UNCLASSIFIED	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
GRAND TOTAL	886.6	0.0	190.2	1076.8	2420.9	166.8	26.3	54.4	3.6	2672.0	3748.8

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM GROUP SUMMARY NORTH CENTRAL REGION

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	60.8	0.0	0.0	60.8	193.0	0.0	0.1	0.7	0.0	194.0	254.8
RPG 2.00: FOREST RESOURCES	0.4	0.0	208.8	209.2	91.8	0.0	16.8	0.0	0.0	108.7	318.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	319.2	0.0	0.0	319.2	630.5	2.5	0.0	0.0	2.1	635.1	954.4
RPG 4.00: ANIMALS	146.3	0.0	0.0	146.3	405.2	3.9	0.0	37.9	0.0	447.0	593.3
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.5	0.0	0.0	0.5	94.7	0.5	0.2	1.1	0.0	96.6	97.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	16.8	0.0	0.0	16.8	117.4	0.0	0.5	0.0	0.0	117.9	134.7
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	19.1	0.0	0.0	19.1	81.7	0.0	0.0	0.0	15.3	97.0	116.2
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	49.1	0.0	0.0	49.1	83.6	3.0	0.0	0.1	0.3	87.0	136.2
GRAND TOTAL	612.6	0.0	208.8	821.4	1698.4	9.9	17.7	40.0	17.7	1783.7	2605.1

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM GROUP SUMMARY WESTERN REGION

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	117.7	0.0	2.7	120.4	250.0	0.0	11.7	12.0	0.0	273.8	394.2
RPG 2.00: FOREST RESOURCES	0.0	0.0	332.0	332.0	98.4	0.0	106.9	0.0	0.0	205.4	537.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	334.6	0.0	1.0	335.6	722.9	0.0	1.9	0.0	0.3	725.2	1060.8
RPG 4.00: ANIMALS	64.7	0.0	0.0	64.7	340.6	0.0	0.0	90.8	0.0	431.5	496.2
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.1	0.0	0.0	0.1	85.8	0.0	0.1	0.0	0.0	85.9	86.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	6.9	0.0	0.0	6.9	69.5	0.0	0.3	0.3	0.1	70.2	77.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.8	0.0	0.0	0.8	59.0	0.0	0.3	0.9	1.2	61.5	62.4
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	47.6	0.0	0.0	47.6	92.8	0.0	0.0	0.2	0.3	93.3	140.9
GRAND TOTAL	572.7	0.0	335.7	908.4	1719.4	0.0	121.4	104.4	1.9	1947.1	2855.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 FOREIGN

RESEARCH PROGRAM GROUP SUMMARY CANADA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4
GRAND TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 FOREIGN

RESEARCH PROGRAM GROUP SUMMARY EL SALVADOR

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
GRAND TOTAL	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 FOREIGN

RESEARCH PROGRAM GROUP SUMMARY FRANCE

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 2.00: FOREST RESOURCES	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
RPG 4.00: ANIMALS	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
GRAND TOTAL	3.4	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	3.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 FOREIGN

RESEARCH PROGRAM GROUP SUMMARY JAPAN

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 2.00: FOREST RESOURCES	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
RPG 4.00: ANIMALS	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
GRAND TOTAL	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 FOREIGN

RESEARCH PROGRAM GROUP SUMMARY KENYA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 4.00: ANIMALS	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
GRAND TOTAL	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 FOREIGN

RESEARCH PROGRAM GROUP SUMMARY NETHERLANDS

	USDA				OTHER INSTITUTIONS						
	ARS	EES/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.8	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	1.8
GRAND TOTAL	1.8	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	1.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 FOREIGN

RESEARCH PROGRAM GROUP SUMMARY THAILAND

	USDA				OTHER INSTITUTIONS						
	ARS	EES/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
GRAND TOTAL	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM GROUP SUMMARY CONNECTICUT

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	CONN H HAV	CONN STORRS	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	4.4	2.8	0.0	0.0	0.0	7.3	7.3
RPG 2.00: FOREST RESOURCES	0.0	0.0	14.3	14.3	6.3	1.9	0.0	0.0	0.0	8.2	22.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	0.0	0.0	0.0	0.0	18.7	4.7	0.0	0.0	0.0	23.4	23.4
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	1.6	8.7	0.0	0.0	0.0	10.4	10.4
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	2.4	3.2	0.0	0.0	0.0	5.6	5.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	1.6	1.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.5	0.5
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.6	3.3	0.0	0.0	0.0	3.9	3.9
GRAND TOTAL	0.0	0.0	14.3	14.3	34.4	26.9	0.0	0.0	0.0	61.3	75.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM GROUP SUMMARY DELAWARE

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	2.7	0.9	0.0	0.0	0.0	3.6	3.6
RPG 2.00: FOREST RESOURCES	0.7	0.0	0.0	0.7	1.7	0.0	0.0	0.0	0.0	1.7	2.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.8	0.0	0.0	2.8	12.6	2.6	0.0	0.0	0.0	15.2	18.0
RPG 4.00: ANIMALS	4.1	0.0	0.0	4.1	8.1	0.4	0.0	0.0	0.0	8.5	12.6
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	2.0	0.5	0.0	0.0	0.0	2.5	2.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.3	0.0	0.0	0.3	0.7	0.0	0.0	0.0	0.0	0.7	1.0
GRAND TOTAL	7.9	0.0	0.0	7.9	30.0	4.4	0.0	0.0	0.0	34.4	42.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM GROUP SUMMARY DISTRICT OF COLUMBIA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	81.4	0.0	81.4	0.8	0.0	0.0	0.0	0.0	0.8	82.2
RPG 2.00: FOREST RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	8.5	12.7	0.0	21.2	0.0	0.0	0.0	0.0	0.0	0.0	21.2
RPG 4.00: ANIMALS	0.0	9.3	0.0	9.3	0.1	0.0	0.0	0.0	0.0	0.1	9.4
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	54.6	0.0	54.6	0.1	0.0	0.0	0.0	0.0	0.1	54.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	306.9	0.0	306.9	0.0	0.0	0.0	0.0	0.0	0.0	306.9
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	6.0	0.0	6.0	0.5	0.0	0.0	0.0	2.4	2.9	8.9
GRAND TOTAL	8.5	471.1	0.0	479.6	1.6	0.0	0.0	0.0	2.4	4.0	483.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM GROUP SUMMARY MAINE

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	1.0	0.0	0.0	1.0	8.6	0.0	0.0	0.0	0.0	8.6	9.6
RPG 2.00: FOREST RESOURCES	0.0	0.0	5.1	5.1	22.4	0.0	0.0	0.0	0.0	22.4	27.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.0	0.0	0.0	2.0	16.8	0.0	0.0	0.0	0.0	16.8	18.8
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	9.7	9.7
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	4.5	4.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	6.2	6.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.4	3.4
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
GRAND TOTAL	3.0	0.0	5.1	8.1	73.0	0.0	0.0	0.0	0.0	73.0	81.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM GROUP SUMMARY MARYLAND

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	46.7	0.0	0.0	46.7	8.2	0.7	0.0	0.0	0.0	8.9	55.7
RPG 2.00: FOREST RESOURCES	1.3	0.0	0.0	1.3	4.9	0.0	0.0	0.0	0.0	4.9	6.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	174.0	0.0	0.0	174.0	30.9	3.1	0.0	0.0	0.2	34.3	208.4
RPG 4.00: ANIMALS	148.2	0.0	0.0	148.2	24.1	0.2	0.0	0.0	0.0	24.3	172.5
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	8.1	0.0	0.0	8.1	1.4	1.0	0.0	0.0	0.0	2.4	10.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.6	0.0	0.0	0.6	5.6	0.0	0.0	0.0	0.0	5.6	6.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	18.2	0.0	0.0	18.2	1.2	0.0	0.0	0.0	0.0	1.2	19.5
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	56.8	0.0	0.0	56.8	3.3	1.3	0.0	0.0	0.6	5.3	62.1
GRAND TOTAL	454.3	0.0	0.0	454.3	80.0	6.4	0.0	0.0	0.8	87.2	541.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM GROUP SUMMARY MASSACHUSETTS

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	7.1	7.1
RPG 2.00: FOREST RESOURCES	0.9	0.0	4.1	5.0	5.5	0.0	0.0	0.0	0.0	5.5	10.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	1.1	0.0	0.0	1.1	17.8	0.0	0.0	0.0	0.0	17.8	18.9
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	10.6	0.0	0.0	5.7	0.0	16.3	16.3
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	4.1	2.3	6.8	6.8
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	2.9	0.0	0.0	2.9	7.3	0.0	0.0	0.0	0.0	7.3	10.2
GRAND TOTAL	4.9	0.0	4.1	9.0	51.3	0.0	0.0	9.8	2.3	63.4	72.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM GROUP SUMMARY NEW HAMPSHIRE

	USDA ARS	USDA ERS/ ACS	USDA FS	USDA TOTAL	OTHER INSTITUTIONS SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RPG 2.00: FOREST RESOURCES	0.0	0.0	16.9	16.9	5.6	0.0	0.0	0.0	0.0	5.6	22.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	6.5	6.5
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	6.1	6.1
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
GRAND TOTAL	0.0	0.0	16.9	16.9	25.8	0.0	0.0	0.0	0.0	25.8	42.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM GROUP SUMMARY NEW JERSEY

	USDA ARS	USDA ERS/ ACS	USDA FS	USDA TOTAL	OTHER INSTITUTIONS SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	16.7	0.0	0.0	0.0	0.0	16.7	16.7
RPG 2.00: FOREST RESOURCES	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.2	3.9	3.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	3.0	0.0	0.0	3.0	27.4	0.0	0.0	0.0	0.0	27.4	30.4
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	11.7	0.0	0.0	0.0	0.0	11.7	11.7
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	6.6	6.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.7
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.2	5.0	5.0
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	15.0	15.0
GRAND TOTAL	3.0	0.0	0.0	3.0	89.9	0.0	0.0	0.0	0.5	90.4	93.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM GROUP SUMMARY NEW YORK

	USDA ARS	USDA ERS/ ACS	USDA FS	USDA TOTAL	OTHER INSTITUTIONS NY ITHACA	NY GENEVA	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	2.1	0.0	0.0	2.1	35.4	1.0	6.8	1.8	0.0	45.1	47.2
RPG 2.00: FOREST RESOURCES	0.5	0.0	1.8	2.3	5.9	0.0	29.7	0.0	0.0	35.7	38.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	10.2	0.0	0.0	10.2	73.0	50.8	1.6	0.0	1.5	126.9	137.1
RPG 4.00: ANIMALS	36.9	0.0	0.0	36.9	47.8	1.0	0.8	56.1	0.0	105.8	142.7
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	40.2	0.1	0.5	6.3	0.0	47.1	47.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.1	0.0	0.0	0.1	27.4	0.2	0.0	0.0	0.0	27.6	27.7
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	2.8	0.0	0.0	2.8	36.0	0.3	8.0	0.1	1.2	45.7	48.5
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	2.2	0.0	0.0	2.2	20.9	8.4	0.0	0.0	2.2	31.6	33.8
GRAND TOTAL	55.0	0.0	1.8	56.8	286.9	61.9	47.6	64.5	4.9	465.8	522.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM GROUP SUMMARY PENNSYLVANIA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	19.4	0.0	0.0	19.4	12.6	0.0	0.0	0.0	0.0	12.6	32.0
RPG 2.00: FOREST RESOURCES	0.0	0.0	27.5	27.5	9.3	0.0	0.0	0.0	0.0	9.3	36.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	32.0	0.0	0.0	32.0	50.7	0.0	0.0	0.0	0.0	50.7	82.7
RPG 4.00: ANIMALS	49.3	0.0	0.0	49.3	31.9	0.0	0.0	19.1	0.0	51.0	100.4
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	10.6	0.0	0.0	0.0	0.0	10.6	10.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.2	0.0	0.0	1.2	15.8	0.0	0.0	0.0	0.0	15.8	17.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	44.4	0.0	0.0	44.4	6.9	0.0	0.0	0.0	0.0	6.9	51.3
GRAND TOTAL	146.5	0.0	27.5	174.0	140.7	0.0	0.0	19.1	0.0	159.8	333.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM GROUP SUMMARY RHODE ISLAND

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	3.8	3.8
RPG 2.00: FOREST RESOURCES	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	9.0	9.0
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	5.1	5.1
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.7
GRAND TOTAL	0.0	0.0	0.0	0.0	28.6	0.0	0.0	0.0	0.2	28.8	28.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM GROUP SUMMARY VERMONT

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RPG 2.00: FOREST RESOURCES	0.0	0.0	8.2	8.2	2.5	0.0	3.6	0.0	0.0	6.1	14.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	6.8	6.8
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	6.0	6.0
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0
GRAND TOTAL	0.0	0.0	8.2	8.2	28.2	0.0	3.6	0.0	0.0	31.8	40.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM GROUP SUMMARY WEST VIRGINIA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	10.3	0.0	0.0	10.3	3.5	0.0	0.0	0.0	0.0	3.5	13.8
RPG 2.00: FOREST RESOURCES	0.0	0.0	25.1	25.1	12.5	0.0	0.0	0.0	0.0	12.5	37.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	17.7	0.0	0.0	17.7	14.9	0.0	0.0	0.0	0.0	14.9	32.6
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	10.2	0.0	0.0	0.0	0.0	10.2	10.2
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
GRAND TOTAL	28.1	0.0	25.1	53.2	47.1	0.0	0.0	0.0	0.0	47.1	100.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM GROUP SUMMARY ALABAMA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	ALABAM TUSKEG	ALABAM NORMAL	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	4.2	0.0	0.0	4.2	9.6	0.1	0.8	0.0	0.0	10.6	14.9
RPG 2.00: FOREST RESOURCES	0.0	0.0	7.0	7.0	17.0	0.0	1.0	0.0	0.0	18.0	25.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	5.0	0.0	0.0	5.0	44.3	2.2	3.8	0.0	0.0	50.3	55.3
RPG 4.00: ANIMALS	4.7	0.0	0.0	4.7	35.8	2.0	1.6	9.0	0.0	48.5	53.2
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	4.0	1.1	2.9	0.0	0.0	8.0	8.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.2	0.0	0.0	1.2	9.3	0.0	0.6	0.0	0.0	9.9	11.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	0.2	1.1	0.0	0.0	0.0	1.3	1.3
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	6.2	0.9	1.7	0.0	0.0	8.9	8.9
GRAND TOTAL	15.3	0.0	7.0	22.3	126.6	7.6	12.6	9.0	0.0	155.8	178.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM GROUP SUMMARY ARKANSAS

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	10.7	0.4	0.0	0.0	0.0	11.2	11.2
RPG 2.00: FOREST RESOURCES	0.0	0.0	5.0	5.0	12.6	0.0	0.0	0.0	0.0	12.6	17.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	5.4	0.0	0.0	5.4	46.9	2.8	0.0	0.0	0.0	49.8	55.2
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	20.8	4.5	0.0	0.0	0.0	25.3	25.3
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	6.4	1.7	0.0	0.0	0.0	8.1	8.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	6.6	0.7	0.0	0.0	0.0	7.3	7.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.1	0.1	0.0	0.0	0.0	2.2	2.2
GRAND TOTAL	5.4	0.0	5.0	10.4	108.8	10.4	0.0	0.0	0.0	119.2	129.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM GROUP SUMMARY FLORIDA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	7.5	0.0	0.0	7.5	47.4	7.5	0.0	0.1	0.0	55.1	62.7
RPG 2.00: FOREST RESOURCES	0.0	0.0	12.4	12.4	13.8	0.0	0.0	0.0	0.0	13.8	26.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	58.7	0.0	0.0	58.7	203.6	1.0	0.0	0.0	1.1	205.7	264.4
RPG 4.00: ANIMALS	24.2	0.0	0.0	24.2	58.6	2.3	0.0	9.0	0.0	69.9	94.1
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	18.6	0.0	0.0	18.6	7.2	0.3	0.0	0.3	0.0	7.8	26.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	5.1	0.0	0.0	5.1	19.1	0.0	0.0	0.0	0.0	19.1	24.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.2	9.2	9.2
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	1.3	0.0	0.0	1.3	11.6	3.0	0.0	0.0	0.0	14.6	16.0
GRAND TOTAL	115.6	0.0	12.4	128.0	370.7	14.1	0.0	9.5	1.3	395.6	523.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM GROUP SUMMARY GEORGIA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	17.3	0.0	0.0	17.3	7.0	1.2	0.0	0.5	0.0	8.7	26.1
RPG 2.00: FOREST RESOURCES	0.2	0.0	38.9	39.1	12.8	0.0	0.0	0.0	0.0	12.8	51.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	103.3	0.0	0.0	103.3	94.3	5.6	0.0	0.0	0.0	100.0	203.4
RPG 4.00: ANIMALS	25.3	0.0	0.0	25.3	33.7	3.1	0.0	25.7	0.0	62.6	87.9
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	3.3	1.1	0.0	0.0	0.0	4.4	4.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.4	0.0	0.0	1.4	13.6	1.5	0.0	0.0	0.0	15.1	16.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.8	0.0	0.0	0.8	1.6	1.0	0.0	0.0	0.0	2.6	3.5
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	20.6	0.0	0.0	20.6	9.1	0.0	0.0	0.8	0.0	9.9	30.6
GRAND TOTAL	169.3	0.0	38.9	208.2	175.8	13.6	0.0	27.1	0.0	216.5	424.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM GROUP SUMMARY KENTUCKY

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	9.1	0.0	0.0	0.0	0.0	9.1	9.1
RPG 2.00: FOREST RESOURCES	0.0	0.0	10.1	10.1	9.9	1.2	0.0	0.0	0.0	11.1	21.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	12.0	0.0	0.0	12.0	46.9	1.4	0.0	0.0	0.0	48.3	60.3
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	31.9	1.3	0.0	0.0	0.0	33.2	33.2
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	7.5	8.4	0.0	0.0	0.0	15.9	15.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	10.7	10.7
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	4.0	7.8	0.0	0.0	0.0	11.8	11.8
GRAND TOTAL	12.0	0.0	10.1	22.1	121.4	20.1	0.0	0.0	0.0	141.5	163.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM GROUP SUMMARY LOUISIANA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	8.4	0.0	0.0	8.4	12.9	0.0	0.0	0.0	0.0	12.9	21.3
RPG 2.00: FOREST RESOURCES	0.0	0.0	27.0	27.0	11.7	0.0	3.1	0.0	0.0	14.9	41.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	118.6	0.0	0.0	118.6	108.8	1.3	0.0	0.0	0.0	110.1	228.7
RPG 4.00: ANIMALS	4.8	0.0	0.0	4.8	52.4	2.5	0.0	0.0	0.0	54.9	59.8
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	3.9	0.0	0.0	3.9	14.7	3.5	0.0	0.0	0.0	18.2	22.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	9.6	0.1	0.2	0.0	0.0	10.0	10.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	11.8	0.0	0.0	11.8	2.0	1.2	0.0	0.0	0.0	3.2	15.0
GRAND TOTAL	147.6	0.0	27.0	174.6	214.5	8.6	3.4	0.0	0.0	226.5	401.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM GROUP SUMMARY MISSISSIPPI

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	20.6	0.0	0.0	20.6	9.7	0.2	0.0	0.0	0.0	10.0	30.6
RPG 2.00: FOREST RESOURCES	0.2	0.0	36.5	36.7	27.6	0.0	0.0	0.0	0.0	27.6	64.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	77.7	0.0	0.0	77.7	71.7	1.1	0.0	0.0	0.0	72.9	150.6
RPG 4.00: ANIMALS	4.5	0.0	0.0	4.5	37.0	0.9	0.0	0.0	0.0	37.9	42.5
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.7	0.0	3.5	4.2	7.0	0.8	0.0	0.0	0.0	7.8	12.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	9.9	0.6	0.0	0.0	0.0	10.5	10.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	1.2	0.0	0.0	1.2	3.0	0.5	0.0	0.0	0.0	3.6	4.8
GRAND TOTAL	105.3	0.0	40.0	145.3	166.3	4.3	0.0	0.0	0.0	170.6	315.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM GROUP SUMMARY NORTH CAROLINA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	5.0	0.0	0.0	5.0	21.4	4.5	0.0	0.0	0.0	25.9	30.9
RPG 2.00: FOREST RESOURCES	0.0	0.0	29.9	29.9	21.4	0.0	0.0	0.0	0.0	21.4	51.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	30.7	0.0	0.0	30.7	100.3	2.0	0.0	0.0	1.4	103.7	134.5
RPG 4.00: ANIMALS	0.5	0.0	0.0	0.5	55.2	3.0	0.0	0.0	0.0	58.2	58.7
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	8.6	6.5	0.0	0.0	0.0	15.1	15.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	14.4	0.1	0.0	0.0	0.0	14.5	14.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	3.4	0.0	0.0	3.4	9.3	0.0	0.0	0.0	0.0	9.3	12.7
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	1.9	0.0	0.0	1.9	7.4	0.1	0.0	0.0	0.0	7.5	9.5
GRAND TOTAL	41.7	0.0	29.9	71.6	238.5	16.2	0.0	0.0	1.4	256.1	327.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM GROUP SUMMARY OKLAHOMA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	21.5	0.0	0.0	21.5	10.8	0.9	0.0	0.0	0.0	11.7	33.3
RPG 2.00: FOREST RESOURCES	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	6.3	6.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	18.3	0.0	0.0	18.3	52.2	4.1	0.0	0.0	0.0	56.3	74.6
RPG 4.00: ANIMALS	10.2	0.0	0.0	10.2	23.8	0.0	0.0	0.0	0.0	23.8	34.0
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	2.8	2.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	12.9	0.0	0.0	0.0	0.0	12.9	12.9
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.1	0.0	0.0	0.1	2.5	0.5	0.0	0.0	0.0	3.0	3.1
GRAND TOTAL	50.2	0.0	0.0	50.2	115.0	5.5	0.0	0.0	0.0	120.5	170.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM GROUP SUMMARY PUERTC RICO

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESCURCES	4.0	0.0	0.0	4.0	3.9	0.0	0.0	0.0	0.0	3.9	7.9
RPG 2.00: FOREST RESOURCES	0.0	0.0	4.0	4.0	0.7	0.0	0.0	0.0	0.0	0.7	4.7
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	3.1	0.0	0.0	3.1	48.2	0.0	0.0	0.0	0.0	48.2	51.3
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	5.9	5.9
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	6.1	6.1
GRAND TOTAL	7.1	0.0	4.0	11.1	67.7	0.0	0.0	0.0	0.0	67.7	78.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM GROUP SUMMARY SCUTH CAROLINA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESCURCES	6.7	0.0	0.0	6.7	7.0	0.9	0.7	0.0	0.0	8.6	15.3
RPG 2.00: FOREST RESOURCES	0.0	0.0	8.9	8.9	0.3	0.0	16.3	0.0	0.0	16.7	25.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	26.0	0.0	0.0	26.0	57.4	0.9	0.2	0.0	0.0	58.5	84.5
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	14.6	0.0	0.0	0.0	0.0	14.6	14.6
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	4.2	0.0	0.0	4.2	2.5	4.6	0.0	0.0	0.0	7.1	11.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.1	0.0	0.0	0.1	6.6	0.5	0.0	0.0	0.0	7.1	7.3
RPG 7.00: GENERAL RESCURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	3.3	0.4	0.0	0.0	0.0	3.7	3.7
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	4.3	0.6	0.0	0.0	0.0	4.9	4.9
GRAND TOTAL	37.1	0.0	8.9	46.0	96.3	7.9	17.3	0.0	0.0	121.5	167.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FCR FY 1983 REGION 2

RESEARCH PROGRAM GROUP SUMMARY TENNESSEE

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESCURCES	0.3	0.0	0.0	0.3	8.8	0.0	0.0	0.0	0.0	8.8	9.1
RPG 2.00: FOREST RESOURCES	0.0	0.0	2.0	2.0	8.5	0.0	0.0	0.0	0.0	8.5	10.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.5	0.0	0.0	2.5	38.7	5.5	0.0	0.0	0.1	44.3	46.9
RPG 4.00: ANIMALS	3.4	0.0	0.0	3.4	20.1	1.6	0.0	0.2	0.0	21.9	25.4
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	2.1	0.0	0.0	2.1	4.0	4.0	0.0	0.0	0.0	8.0	10.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	7.3	2.3	0.0	0.0	0.0	9.6	9.6
RPG 7.00: GENERAL RESCURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.1	1.5	1.5
RPG 8.00: FCCD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	6.6	0.7	0.0	0.0	0.0	7.3	7.3
GRAND TOTAL	8.4	0.0	2.0	10.4	95.8	14.1	0.0	0.2	0.2	110.3	120.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM GROUP SUMMARY TEXAS

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	27.6	0.0	0.0	27.6	46.3	0.9	0.5	0.5	0.0	48.3	76.0
RPG 2.00: FOREST RESOURCES	0.4	0.0	5.0	5.4	13.9	0.0	5.0	0.0	0.0	18.9	24.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	79.6	0.0	0.0	79.6	182.8	1.9	0.0	0.0	0.5	185.2	264.9
RPG 4.00: ANIMALS	46.9	0.0	0.0	46.9	80.8	6.8	0.0	7.9	0.0	95.5	142.5
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	1.6	0.0	0.0	1.6	7.2	2.9	0.0	0.0	0.0	10.1	11.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	4.4	0.0	0.0	4.4	15.0	0.0	0.0	0.0	0.0	15.0	19.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	1.4	0.0	0.0	1.4	7.4	0.0	0.0	0.0	0.0	7.4	8.8
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.7	0.0	0.0	0.7	8.4	0.5	0.0	0.2	0.2	9.3	10.1
RPG 9.00: UNCLASSIFIED	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
GRAND TOTAL	164.0	0.0	5.0	169.0	362.1	13.1	5.6	8.6	0.7	390.1	559.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM GROUP SUMMARY VIRGIN ISLANDS

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	3.8	3.8
RPG 4.00: ANIMALS	1.0	0.0	0.0	1.0	1.1	0.0	0.0	0.0	0.0	1.1	2.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
GRAND TOTAL	1.0	0.0	0.0	1.0	6.0	0.0	0.0	0.0	0.0	6.0	7.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM GROUP SUMMARY VIRGINIA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	14.7	1.2	0.0	0.0	0.0	15.9	15.9
RPG 2.00: FOREST RESOURCES	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	12.0	12.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	6.3	0.0	0.0	6.3	43.7	3.8	0.0	0.0	0.0	47.5	53.8
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	38.8	2.3	0.0	0.0	0.0	41.1	41.1
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	11.3	2.2	0.0	0.0	0.0	13.5	13.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	12.9	0.0	0.0	0.0	0.0	12.9	12.9
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	14.8	0.0	0.0	0.0	0.0	14.8	14.8
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.3	0.0	0.0	0.3	6.8	9.2	0.0	0.0	0.0	16.0	16.3
GRAND TOTAL	6.6	0.0	0.0	6.6	155.4	18.7	0.0	0.0	0.0	174.1	180.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM GROUP SUMMARY ILLINOIS

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	5.1	0.0	0.0	5.1	17.3	0.0	0.1	0.0	0.0	17.4	22.6
RPG 2.00: FOREST RESOURCES	0.0	0.0	12.4	12.4	7.5	0.0	5.2	0.0	0.0	12.7	25.1
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	114.5	0.0	0.0	114.5	46.4	0.0	0.0	0.0	0.3	46.7	161.2
RPG 4.00: ANIMALS	1.0	0.0	0.0	1.0	37.4	0.0	0.0	0.0	0.0	37.4	38.4
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	8.4	0.0	0.2	0.0	0.0	8.6	8.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	9.8	0.0	0.0	9.8	16.8	0.0	0.5	0.0	0.0	17.3	27.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	13.2	0.0	0.0	13.2	5.1	0.0	0.0	0.0	12.0	17.1	30.4
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	26.7	0.0	0.0	26.7	11.3	0.0	0.0	0.0	0.0	11.3	38.1
GRAND TOTAL	170.5	0.0	12.4	182.9	150.6	0.0	6.0	0.0	12.3	168.9	351.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM GROUP SUMMARY INDIANA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	5.2	0.0	0.0	5.2	17.1	0.0	0.0	0.0	0.0	17.1	22.3
RPG 2.00: FOREST RESOURCES	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	14.0	14.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.0	0.0	0.0	14.0	56.6	0.0	0.0	0.0	0.0	56.6	70.7
RPG 4.00: ANIMALS	3.3	0.0	0.0	3.3	41.6	0.0	0.0	0.0	0.0	41.6	45.0
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	7.5	7.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	17.6	0.0	0.0	0.0	0.0	17.6	17.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	11.5	0.0	0.0	0.0	0.0	11.5	11.5
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	6.3	6.3
GRAND TOTAL	22.6	0.0	0.0	22.6	172.6	0.0	0.0	0.0	0.0	172.6	195.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM GROUP SUMMARY IOWA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	1.3	0.0	0.0	1.3	18.3	0.0	0.0	0.6	0.0	19.0	20.3
RPG 2.00: FOREST RESOURCES	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	4.4	4.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	22.7	0.0	0.0	22.7	42.5	0.0	0.0	0.0	0.0	42.5	65.3
RPG 4.00: ANIMALS	57.6	0.0	0.0	57.6	28.0	0.0	0.0	29.9	0.0	58.0	115.6
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.3	0.0	0.0	0.3	7.6	0.0	0.0	0.5	0.0	8.1	8.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.3	0.0	0.0	0.3	8.3	0.0	0.0	0.0	0.0	8.3	8.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.1	6.0	6.0
GRAND TOTAL	82.4	0.0	0.0	82.4	117.8	0.0	0.0	31.1	0.1	149.0	231.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM GROUP SUMMARY KANSAS

	USDA				OTHER INSTITUTIONS					
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	5.1	0.0	0.0	5.1	12.9	0.0	0.0	0.0	0.0	12.9	18.0
RPG 2.00: FOREST RESOURCES	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	27.3	0.0	0.0	27.3	104.2	0.0	0.0	0.0	0.0	104.2	131.5
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	57.1	0.0	0.0	2.6	0.0	59.7	59.7
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	0.0	7.4	7.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	2.1	0.0	0.0	2.1	5.9	0.0	0.0	0.0	0.0	5.9	8.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	6.8	6.8
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	1.0	0.0	0.0	1.0	6.0	0.0	0.0	0.0	0.0	6.0	7.0
GRAND TOTAL	35.5	0.0	0.0	35.5	202.4	0.0	0.0	2.6	0.0	205.0	240.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM GROUP SUMMARY MICHIGAN

	USDA				OTHER INSTITUTIONS					
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	MICH A ARB	MICH HOUGHT	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.2	0.0	0.0	0.2	20.0	0.0	0.0	0.0	0.0	20.1	20.3
RPG 2.00: FOREST RESOURCES	0.0	0.0	14.1	14.1	11.0	2.5	9.1	0.0	0.0	22.7	36.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	12.3	0.0	0.0	12.3	48.2	0.0	0.0	0.0	0.6	48.8	61.1
RPG 4.00: ANIMALS	11.0	0.0	0.0	11.0	32.6	0.0	0.0	0.0	0.0	32.6	43.6
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	8.9	0.0	0.0	0.0	0.0	8.9	8.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	12.0	12.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0	9.5	9.5
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	11.4	0.0	0.0	0.0	0.0	11.4	11.4
GRAND TOTAL	23.5	0.0	14.1	37.6	154.0	2.6	9.1	0.0	0.6	166.3	203.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM GROUP SUMMARY MINNESOTA

	USDA				OTHER INSTITUTIONS					
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	16.8	0.0	0.0	16.8	15.5	0.0	0.0	0.0	0.0	15.5	32.3
RPG 2.00: FOREST RESOURCES	0.4	0.0	41.0	41.4	20.5	0.0	0.0	0.0	0.0	20.5	62.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	18.4	0.0	0.0	18.4	60.6	0.0	0.0	0.0	0.0	60.6	79.0
RPG 4.00: ANIMALS	0.7	0.0	0.0	0.7	32.3	0.0	0.0	0.0	0.0	32.3	33.1
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	17.7	17.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	2.0	0.0	0.0	2.0	5.5	0.0	0.0	0.0	0.0	5.5	7.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.5	0.0	0.0	0.5	7.8	0.0	0.0	0.0	0.0	7.8	8.3
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0	0.0	11.3	11.3
GRAND TOTAL	39.0	0.0	41.0	80.0	171.5	0.0	0.0	0.0	0.0	171.5	251.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM GROUP SUMMARY MISSOURI

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	5.1	0.0	0.0	5.1	11.8	0.0	0.0	0.0	0.0	11.8	17.0
RPG 2.00: FOREST RESOURCES	0.0	0.0	7.6	7.6	6.8	0.0	0.0	0.0	0.0	6.8	14.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	17.7	0.0	0.0	17.7	34.3	2.5	0.0	0.0	0.2	37.0	54.7
RPG 4.00: ANIMALS	8.3	0.0	0.0	8.3	22.2	3.9	0.0	0.0	0.0	26.1	34.5
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	6.1	0.5	0.0	0.0	0.0	6.6	6.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	2.2	0.0	0.0	2.2	10.1	0.0	0.0	0.0	0.0	10.1	12.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	1.4	0.0	0.0	1.4	2.8	0.0	0.0	0.0	0.0	2.8	4.3
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	7.1	3.0	0.0	0.0	0.2	10.3	10.4
GRAND TOTAL	35.0	0.0	7.6	42.6	101.7	9.9	0.0	0.0	0.4	112.0	154.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM GROUP SUMMARY NEBRASKA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	6.5	0.0	0.0	6.5	12.6	0.0	0.0	0.0	0.0	12.6	19.2
RPG 2.00: FOREST RESOURCES	0.0	0.0	4.0	4.0	2.1	0.0	0.0	0.0	0.0	2.1	6.1
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.9	0.0	0.0	14.9	53.7	0.0	0.0	0.0	0.0	53.7	68.7
RPG 4.00: ANIMALS	42.3	0.0	0.0	42.3	36.4	0.0	0.0	0.0	0.0	36.4	78.8
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.1	0.0	0.0	0.1	6.7	0.0	0.0	0.0	0.0	6.7	6.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.3	0.0	0.0	0.3	7.4	0.0	0.0	0.0	0.0	7.4	7.7
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	5.1	5.1
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.3	0.0	0.0	0.3	4.6	0.0	0.0	0.0	0.0	4.6	5.0
GRAND TOTAL	64.8	0.0	4.0	68.8	129.0	0.0	0.0	0.0	0.0	129.0	197.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM GROUP SUMMARY NORTH DAKOTA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	8.3	0.0	0.0	8.3	25.4	0.0	0.0	0.0	0.0	25.4	33.7
RPG 2.00: FOREST RESOURCES	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	33.0	0.0	0.0	33.0	60.6	0.0	0.0	0.0	0.0	60.6	93.7
RPG 4.00: ANIMALS	19.3	0.0	0.0	19.3	24.5	0.0	0.0	0.0	0.0	24.5	43.8
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	7.1	7.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	9.7	9.7
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.1	0.0	0.0	0.1	10.6	0.0	0.0	0.0	0.0	10.6	10.8
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	20.5	0.0	0.0	20.5	2.3	0.0	0.0	0.0	0.0	2.3	22.9
GRAND TOTAL	81.5	0.0	0.0	81.5	141.8	0.0	0.0	0.0	0.0	141.8	223.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM GROUP SUMMARY OHIO

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	OHIO ALLIAN	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	6.9	0.0	0.0	6.9	11.2	0.0	0.0	0.1	0.0	11.3	18.2
RPG 2.00: FOREST RESOURCES	0.0	0.0	20.7	20.7	7.5	0.0	0.0	0.0	0.0	7.5	28.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	15.1	0.0	0.0	15.1	39.4	0.0	0.0	0.0	0.7	40.1	55.2
RPG 4.00: ANIMALS	0.6	0.0	0.0	0.6	25.0	0.0	0.0	5.3	0.0	30.4	31.0
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.6	0.0	6.7	6.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	7.5	7.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	2.0	0.0	0.0	2.0	0.3	0.0	0.0	0.0	3.3	3.6	5.6
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.1	0.0	3.5	3.5
GRAND TOTAL	24.6	0.0	20.7	45.3	100.7	0.0	0.0	6.3	4.0	111.0	156.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM GROUP SUMMARY SOUTH DAKOTA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	11.6	0.0	0.0	0.0	0.0	11.6	11.6
RPG 2.00: FOREST RESOURCES	0.0	0.0	2.0	2.0	2.2	0.0	0.0	0.0	0.0	2.2	4.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	9.1	0.0	0.0	9.1	37.7	0.0	0.0	0.0	0.0	37.7	46.8
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	32.4	0.0	0.0	0.0	0.0	32.4	32.4
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	7.3	0.0	0.0	0.0	0.0	7.3	7.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.4	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.2	0.6
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
GRAND TOTAL	9.6	0.0	2.0	11.6	96.0	0.0	0.0	0.0	0.0	96.0	107.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM GROUP SUMMARY WISCONSIN

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	18.8	0.0	0.0	0.0	0.0	18.8	18.8
RPG 2.00: FOREST RESOURCES	0.0	0.0	107.0	107.0	12.4	0.0	0.0	0.0	0.0	12.4	119.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	19.8	0.0	0.0	19.8	45.8	0.0	0.0	0.0	0.3	46.1	65.9
RPG 4.00: ANIMALS	2.0	0.0	0.0	2.0	35.1	0.0	0.0	0.0	0.0	35.1	37.1
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	8.4	0.0	0.0	0.0	0.0	8.4	8.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	8.9	0.0	0.0	0.0	0.0	8.9	8.9
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	1.3	0.0	0.0	1.3	19.1	0.0	0.0	0.0	0.0	19.1	20.4
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.4	0.0	0.0	0.4	11.5	0.0	0.0	0.0	0.0	11.5	11.9
GRAND TOTAL	23.6	0.0	107.0	130.6	160.3	0.0	0.0	0.0	0.3	160.6	291.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM GROUP SUMMARY ALASKA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.7	0.0	0.0	0.7	1.7	0.0	0.0	0.0	0.0	1.7	2.4
RPG 2.00: FOREST RESOURCES	0.0	0.0	26.0	26.0	0.7	0.0	0.0	0.0	0.0	0.7	26.7
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	3.2	0.0	0.0	3.2	3.7	0.0	0.0	0.0	0.0	3.7	7.0
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
GRAND TOTAL	4.0	0.0	26.0	30.0	7.8	0.0	0.0	0.0	0.0	7.8	37.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM GROUP SUMMARY ARIZONA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	24.0	0.0	1.6	25.6	26.2	0.0	0.3	0.0	0.0	26.5	52.1
RPG 2.00: FOREST RESOURCES	0.0	0.0	20.4	20.4	13.9	0.0	4.2	0.0	0.0	18.1	38.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	34.3	0.0	0.0	34.3	55.4	0.0	0.0	0.0	0.0	55.4	89.7
RPG 4.00: ANIMALS	3.0	0.0	0.0	3.0	28.2	0.0	0.0	0.0	0.0	28.2	31.2
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	8.9	0.0	0.0	0.0	0.0	8.9	8.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	8.1	0.0	0.0	0.0	0.0	8.1	8.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	4.2	4.2
GRAND TOTAL	61.4	0.0	22.0	83.4	147.3	0.0	4.5	0.0	0.0	151.8	235.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM GROUP SUMMARY CALIFORNIA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	25.3	0.0	0.0	25.3	73.7	0.0	0.0	12.0	0.0	85.8	111.2
RPG 2.00: FOREST RESOURCES	0.0	0.0	69.8	69.8	38.3	0.0	0.7	0.0	0.0	39.0	108.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	132.3	0.0	0.0	132.3	228.5	0.0	0.0	0.0	0.0	228.5	360.9
RPG 4.00: ANIMALS	12.1	0.0	0.0	12.1	104.0	0.0	0.0	59.1	0.0	163.1	175.3
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	31.3	0.0	0.0	0.0	0.0	31.3	31.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	6.6	0.0	0.0	6.6	13.5	0.0	0.0	0.0	0.0	13.5	20.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	34.5	0.0	0.0	0.0	0.2	34.7	34.7
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	44.2	0.0	0.0	44.2	41.8	0.0	0.0	0.2	0.0	42.0	86.2
GRAND TOTAL	220.7	0.0	69.8	290.5	566.0	0.0	0.7	71.5	0.2	638.4	928.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM GROUP SUMMARY COLORADO

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	22.7	0.0	0.6	23.3	53.8	0.0	0.0	0.0	0.0	53.8	77.1
RPG 2.00: FOREST RESOURCES	0.0	0.0	35.4	35.4	8.0	0.0	0.0	0.0	0.0	8.0	43.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	23.7	0.0	0.0	23.7	60.0	0.0	0.0	0.0	0.2	60.2	83.9
RPG 4.00: ANIMALS	10.3	0.0	0.0	10.3	49.1	0.0	0.0	2.4	0.0	51.5	61.9
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0	7.7	7.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	4.9	4.9
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.3	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.5	0.8
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.3	11.4	11.4
GRAND TOTAL	57.2	0.0	36.0	93.2	195.5	0.0	0.0	2.4	0.5	198.4	291.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM GROUP SUMMARY GUAM

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RPG 2.00: FOREST RESOURCES	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	0.0	0.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0	7.7	7.7
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
GRAND TOTAL	0.0	0.0	0.0	0.0	10.9	0.0	0.0	0.0	0.0	10.9	10.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM GROUP SUMMARY HAWAII

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	6.7	6.7
RPG 2.00: FOREST RESOURCES	0.0	0.0	4.9	4.9	2.2	0.0	0.0	0.0	0.0	2.2	7.1
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.3	0.0	0.0	14.3	50.2	0.0	0.0	0.0	0.0	50.2	64.5
RPG 4.00: ANIMALS	0.9	0.0	0.0	0.9	12.0	0.0	0.0	0.0	0.0	12.0	12.9
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	4.4	4.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	6.0	6.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0	9.5	9.5
GRAND TOTAL	15.3	0.0	4.9	20.2	93.9	0.0	0.0	0.0	0.0	93.9	114.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM GROUP SUMMARY IDAHO

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	23.8	0.0	0.0	23.8	12.0	0.0	7.9	0.0	0.0	20.0	43.8
RPG 2.00: FOREST RESOURCES	0.0	0.0	20.0	20.0	1.0	0.0	22.8	0.0	0.0	23.9	43.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	5.8	0.0	0.0	5.8	22.4	0.0	1.8	0.0	0.0	24.3	30.2
RPG 4.00: ANIMALS	5.6	0.0	0.0	5.6	10.1	0.0	0.0	2.4	0.0	12.5	18.2
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	4.4	4.4
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.3	0.0	2.3	2.3
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0
GRAND TOTAL	35.3	0.0	20.0	55.3	58.0	0.0	32.7	2.7	0.0	93.4	148.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM GROUP SUMMARY MONTANA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	5.4	0.0	0.0	5.4	8.1	0.0	0.1	0.0	0.0	8.2	13.6
RPG 2.00: FOREST RESOURCES	0.0	0.0	38.0	38.0	0.4	0.0	13.2	0.0	0.0	13.7	51.7
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	11.0	0.0	0.0	11.0	40.8	0.0	0.0	0.0	0.0	40.9	52.0
RPG 4.00: ANIMALS	7.4	0.0	0.0	7.4	19.5	0.0	0.0	0.0	0.0	19.5	26.9
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	5.3	5.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2
GRAND TOTAL	24.0	0.0	38.0	62.0	77.1	0.0	13.4	0.0	0.0	90.5	152.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM GROUP SUMMARY NEVADA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.1	0.0	0.0	0.1	7.0	0.0	0.0	0.0	0.0	7.0	7.2
RPG 2.00: FOREST RESOURCES	0.0	0.0	2.0	2.0	1.3	0.0	0.0	0.0	0.0	1.3	3.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	5.8	0.0	0.0	5.8	8.6	0.0	0.0	0.0	0.0	8.6	14.4
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0	9.5	9.5
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	3.8	3.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.1	2.3	2.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
GRAND TOTAL	6.0	0.0	2.0	8.0	34.6	0.0	0.0	0.0	0.1	34.7	42.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM GROUP SUMMARY NEW MEXICO

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.6	0.0	0.0	0.6	10.1	0.0	0.0	0.0	0.0	10.1	10.7
RPG 2.00: FOREST RESOURCES	0.0	0.0	3.0	3.0	3.7	0.0	0.0	0.0	0.0	3.7	6.7
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	9.0	0.0	0.0	9.0	42.4	0.0	0.0	0.0	0.0	42.4	51.5
RPG 4.00: ANIMALS	8.3	0.0	0.0	8.3	13.5	0.0	0.0	4.0	0.0	17.5	25.8
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
GRAND TOTAL	18.1	0.0	3.0	21.1	76.5	0.0	0.0	4.0	0.0	80.5	101.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM GROUP SUMMARY OREGON

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	4.1	0.0	0.0	4.1	25.9	0.0	2.2	0.0	0.0	28.1	32.3
RPG 2.00: FOREST RESOURCES	0.0	0.0	69.0	69.0	10.3	0.0	43.7	0.0	0.0	54.0	123.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	24.5	0.0	0.0	24.5	99.7	0.0	0.0	0.0	0.0	99.7	124.3
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	36.8	0.0	0.0	1.4	0.0	38.2	38.2
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	11.9	0.0	0.1	0.0	0.0	12.0	12.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	8.2	0.0	0.3	0.0	0.0	8.5	8.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.7	8.2	8.2
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	11.8	0.0	0.0	0.0	0.0	11.8	11.8
GRAND TOTAL	28.7	0.0	69.0	97.7	212.4	0.0	46.4	1.4	0.7	260.9	358.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM GROUP SUMMARY UTAH

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	0.0	0.0	0.5	0.5	8.5	0.0	0.0	0.0	0.0	8.5	9.0
RPG 2.00: FOREST RESOURCES	0.0	0.0	21.5	21.5	6.1	0.0	0.0	0.0	0.0	6.1	27.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	17.2	0.0	1.0	18.2	19.5	0.0	0.0	0.0	0.1	19.6	37.9
RPG 4.00: ANIMALS	7.6	0.0	0.0	7.6	23.3	0.0	0.0	0.0	0.0	23.3	31.0
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	3.6	3.6
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	1.3	0.0	0.0	1.3	4.9	0.0	0.0	0.0	0.0	4.9	6.2
GRAND TOTAL	26.3	0.0	23.0	49.3	71.9	0.0	0.0	0.0	0.1	72.0	121.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM GROUP SUMMARY WASHINGTON

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	9.0	0.0	0.0	9.0	11.3	0.0	1.1	0.0	0.0	12.4	21.4
RPG 2.00: FOREST RESOURCES	0.0	0.0	19.0	19.0	9.3	0.0	22.2	0.0	0.0	31.5	50.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	48.5	0.0	0.0	48.5	73.4	0.0	0.0	0.0	0.0	73.4	121.9
RPG 4.00: ANIMALS	9.2	0.0	0.0	9.2	14.0	0.0	0.0	21.5	0.0	35.5	44.7
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.1	0.0	0.0	0.1	5.4	0.0	0.0	0.0	0.0	5.4	5.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.3	0.0	0.0	0.3	7.2	0.0	0.0	0.3	0.0	7.5	7.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	0.5	0.0	0.0	0.5	3.5	0.0	0.3	0.6	0.3	4.8	5.3
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	2.0	0.0	0.0	2.0	3.3	0.0	0.0	0.0	0.0	3.3	5.3
GRAND TOTAL	69.7	0.0	19.0	88.7	127.7	0.0	23.7	22.4	0.3	174.1	262.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM GROUP SUMMARY WYOMING

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	1.6	0.0	0.0	1.6	3.4	0.0	0.0	0.0	0.0	3.4	5.1
RPG 2.00: FOREST RESOURCES	0.0	0.0	3.0	3.0	2.0	0.0	0.0	0.0	0.0	2.0	5.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	4.3	0.0	0.0	4.3	10.0	0.0	0.0	0.0	0.0	10.0	14.4
RPG 4.00: ANIMALS	0.0	0.0	0.0	0.0	18.1	0.0	0.0	0.0	0.0	18.1	18.1
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
GRAND TOTAL	6.0	0.0	3.0	9.0	39.8	0.0	0.0	0.0	0.0	39.8	48.8

TABLE V-B NATIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983

RESEARCH PROGRAM SUMMARY

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	116.2	19.8	0.0	136.0	290.9	5.3	1.2	0.0	0.0	297.5	433.6
RP 1.02: WATER & WATERSHEDS	144.1	60.6	2.7	207.4	153.6	0.6	3.7	0.0	0.0	158.0	365.4
RP 1.03: RECREATION	0.0	0.1	0.0	0.1	18.3	0.0	1.2	0.0	0.0	19.6	19.7
RP 1.04: ENVIRONMENTAL QUALITY	97.5	0.8	0.0	98.3	182.8	13.0	3.1	14.6	0.0	213.6	312.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	7.4	0.0	0.0	7.4	48.6	0.2	1.9	0.0	0.0	50.9	58.3
RP 1.06: FISH & WILDLIFE	2.2	0.0	0.0	2.2	73.4	0.7	8.4	1.1	0.0	83.8	86.0
RP 1.07: REMOTE SENSING	13.4	0.0	0.0	13.4	6.1	0.4	0.2	0.0	0.0	6.8	20.2
RP 1.08: AQUATIC WEEDS	0.8	0.0	0.0	0.8	2.2	0.0	0.0	0.0	0.0	2.2	3.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	55.8	55.8	30.5	0.1	6.6	0.0	0.0	37.3	93.1
RP 2.02: TIMBER MANAGEMENT	0.2	0.0	203.0	203.3	122.0	2.1	60.9	0.0	0.0	185.1	388.4
RP 2.03: FOREST PROTECTION	4.7	0.0	194.9	199.7	65.0	0.0	18.5	0.0	0.0	83.5	283.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	163.7	163.7	110.3	0.0	52.7	0.0	0.0	163.0	326.8
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	99.1	99.1	34.0	0.0	19.0	0.0	0.0	53.0	152.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	57.8	57.8	32.2	0.0	12.2	0.0	0.0	44.4	102.3
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	22.2	22.2	18.0	0.0	5.0	0.0	0.0	23.0	45.2
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	33.6	33.6	26.5	0.0	4.0	0.0	0.0	30.5	64.2
RP 2.09: TECHNICAL ASSISTANCE	1.1	0.0	0.0	1.1	2.6	0.0	1.4	0.0	0.0	4.0	5.2
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	2.1	0.0	0.5	0.0	0.2	2.8	2.8
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	1.7	0.0	0.5	0.0	0.0	2.2	2.2
RP 3.01: CORN	85.2	0.0	0.0	85.2	191.8	0.3	0.0	0.0	0.0	192.2	277.4
RP 3.02: GRAIN SORGHUM	19.2	0.0	0.0	19.2	61.8	0.1	0.0	0.0	0.0	61.9	81.2
RP 3.03: WHEAT	95.2	0.0	0.0	95.2	164.6	0.6	0.0	0.0	0.0	165.3	260.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	33.6	0.0	0.0	33.6	80.0	1.0	0.0	0.0	0.0	81.0	114.6
RP 3.05: RICE	17.3	0.0	0.0	17.3	41.4	0.0	0.0	0.0	0.0	41.4	58.8
RP 3.06: SOYBEANS	106.2	0.0	0.0	106.2	207.4	13.6	0.0	0.0	0.2	221.2	327.4
RP 3.07: PEANUTS	32.5	0.0	0.0	32.5	41.0	2.0	0.0	0.0	0.0	43.0	75.6
RP 3.08: SUGAR	51.2	0.0	0.0	51.2	45.8	0.2	0.0	0.0	0.3	46.3	97.6
RP 3.09: FORAGE, RANGE, & PASTURE	158.9	0.2	1.0	160.1	349.9	6.7	1.9	0.0	0.5	359.1	519.2
RP 3.10: COTTON	180.7	0.0	0.0	180.7	125.9	1.2	0.0	0.0	0.0	127.1	307.9
RP 3.11: TOBACCO	33.6	0.0	0.0	33.6	56.3	1.0	0.0	0.0	0.0	57.3	90.9
RP 3.12: NEW CROPS & MINOR OILSEEDS	47.7	0.0	0.0	47.7	67.1	0.7	0.0	0.0	0.0	67.8	115.6
RP 3.13: FRUIT	166.8	0.0	0.0	166.8	422.3	2.9	0.0	0.0	1.2	426.4	593.3
RP 3.14: VEGETABLE CROPS	129.0	0.0	0.0	129.0	481.8	13.7	0.1	0.0	0.1	495.8	624.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	40.2	0.0	0.0	40.2	226.4	0.3	0.2	0.0	0.0	226.9	267.2
RP 3.16: BEES & OTHER POLLINATING INSECTS	26.7	0.0	0.0	26.7	15.4	0.2	0.0	0.0	0.0	15.6	42.3
RP 3.17: WEEDS IN CROPS	24.8	0.0	0.0	24.8	9.6	0.0	0.0	0.0	0.0	9.6	34.5

TABLE V-B NATIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983

RESEARCH PROGRAM SUMMARY

		USDA				OTHER INSTITUTIONS						
		ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 3.18:	SEEDS	8.9	0.0	0.0	8.9	23.9	0.0	0.0	0.0	0.0	23.9	32.9
RP 3.19:	NONSPECIFIC PLANTS	198.0	12.5	0.0	210.5	225.7	1.0	1.4	0.0	5.3	233.4	444.0
RP 4.01:	BEEF	153.7	3.2	0.0	157.0	396.1	6.8	0.0	27.4	0.0	430.4	587.4
RP 4.02:	DAIRY	96.5	1.6	0.0	98.1	272.4	2.1	0.0	41.6	0.0	316.2	414.3
RP 4.03:	POULTRY	65.0	0.1	0.0	65.1	212.8	5.9	0.0	21.5	0.0	240.3	305.5
RP 4.04:	SHEEP	37.6	0.4	0.0	38.0	76.3	2.3	0.0	10.4	0.0	89.1	127.2
RP 4.05:	SWINE	63.9	0.8	0.0	64.7	142.3	5.9	0.0	26.0	0.0	174.3	239.0
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	12.3	0.0	0.0	12.3	79.7	7.2	0.0	62.3	0.0	149.3	161.6
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	68.9	4.3	0.0	6.1	0.0	79.3	79.3
RP 4.08:	NONSPECIFIC ANIMALS	25.0	3.1	0.0	28.1	116.0	0.1	0.8	66.2	0.0	183.2	211.4
RP 4.09:	INVERTEBRATES	122.8	0.0	0.0	122.8	75.5	1.5	0.0	0.0	0.0	77.1	200.0
RP 5.01:	INDIVIDUALS AND FAMILIES	6.1	13.9	0.0	20.0	101.0	11.3	0.1	0.0	0.0	112.4	132.4
RP 5.02:	LIVING ENVIRONMENT	6.2	5.5	3.5	15.2	32.1	4.2	0.0	0.0	0.0	36.3	51.6
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	4.5	35.1	0.0	39.7	146.0	26.4	0.5	7.8	0.0	180.8	220.5
RP 5.04:	INSECTS AFFECTING MAN AND HIS BELONGINGS	22.9	0.0	0.0	22.9	43.8	0.0	0.0	0.0	0.0	43.8	66.8
RP 5.05:	RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	26.5	0.0	0.2	0.0	0.0	26.7	26.7
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	3.3	51.3	0.0	54.6	170.1	4.9	0.5	0.0	0.1	175.7	230.4
RP 6.02:	FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	21.1	107.9	0.0	129.0	46.0	0.0	0.0	0.3	0.0	46.3	175.3
RP 6.03:	MARKETING & COMPETITION	15.4	147.7	0.0	163.1	193.1	1.5	0.5	0.0	0.0	195.1	358.3
RP 7.01:	MANMADE RESOURCES	3.3	0.0	0.0	3.3	24.1	0.0	3.2	0.7	0.0	28.0	31.3
RP 7.02:	TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	43.7	0.0	0.0	43.7	226.8	2.5	5.1	4.4	20.7	259.7	303.5
RP 8.01:	HUMAN NUTRITION	90.8	5.7	0.0	96.5	152.4	21.3	0.0	0.0	6.0	179.7	276.2
RP 8.02:	FOOD PROCESSING	19.1	0.0	0.0	19.1	38.9	0.0	0.0	0.0	0.0	38.9	58.0
RP 8.03:	FOOD SAFETY	131.1	0.3	0.0	131.4	119.9	9.9	0.0	1.3	0.0	131.3	262.7
RP 8.04:	FOOD STORAGE DISTRIBUTION AND MARKETING	0.4	0.0	0.0	0.4	9.4	0.0	0.0	0.0	0.0	9.4	9.8
RP 8.05:	FOOD SERVICE	0.2	0.0	0.0	0.2	13.2	0.0	0.0	0.0	0.0	13.2	13.4
RP 9.01:	UNCLASSIFIED	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
GRAND TOTAL		2791.5	471.1	837.7	4100.3	6845.0	187.5	216.6	292.2	34.7	7576.0	11676.3

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983 FOREIGN

RESEARCH PROGRAM SUMMARY

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 2.03: FOREST PROTECTION	1.2	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2
RP 3.02: GRAIN SORGHUM	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 3.09: FORAGE, RANGE, & PASTURE	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
RP 3.13: FRUIT	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.4	0.4	0.6
RP 3.14: VEGETABLE CROPS	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 3.19: NONSPECIFIC PLANTS	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
RP 4.01: BEEF	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 4.02: DAIRY	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
RP 4.08: NONSPECIFIC ANIMALS	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
RP 4.09: INVERTEBRATES	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	1.8	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	1.8
GRAND TOTAL	8.4	0.0	0.0	8.4	0.0	0.0	0.0	0.0	0.4	0.4	8.8

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY NORTHEAST REGION

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	19.9	19.8	0.0	39.7	38.7	0.2	0.6	0.0	0.0	39.6	79.4
RP 1.02: WATER & WATERSHEDS	11.3	60.6	0.0	71.9	11.7	0.0	1.7	0.0	0.0	13.5	85.5
RP 1.03: RECREATION	0.0	0.1	0.0	0.1	4.6	0.0	0.1	0.0	0.0	4.7	4.8
RP 1.04: ENVIRONMENTAL QUALITY	40.2	0.8	0.0	41.0	35.3	0.7	3.0	1.5	0.0	40.6	81.7
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	2.7	0.0	0.0	2.7	5.9	0.0	0.0	0.0	0.0	5.9	8.6
RP 1.06: FISH & WILDLIFE	0.7	0.0	0.0	0.7	15.4	0.7	1.0	0.3	0.0	17.5	18.2
RP 1.07: REMOTE SENSING	4.7	0.0	0.0	4.7	0.6	0.0	0.2	0.0	0.0	0.8	5.5
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	12.1	12.1	6.4	0.0	0.7	0.0	0.0	7.2	19.3
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	24.1	24.1	20.8	0.0	5.1	0.0	0.0	25.9	50.1
RP 2.03: FOREST PROTECTION	3.4	0.0	22.2	25.7	19.9	0.0	2.7	0.0	0.0	22.6	48.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	22.1	22.2	14.6	0.0	17.2	0.0	0.0	31.8	54.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	9.4	9.4	6.3	0.0	1.2	0.0	0.0	7.5	17.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	4.1	4.1	4.7	0.0	1.4	0.0	0.0	6.1	10.2
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	3.7	3.7	3.1	0.0	1.4	0.0	0.0	4.5	8.2
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	4.9	4.9	9.4	0.0	1.7	0.0	0.0	11.1	16.1
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.3	0.0	1.4	0.0	0.0	1.7	1.7
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.2	0.5	0.5
RP 3.01: CORN	3.7	0.0	0.0	3.7	24.7	0.0	0.0	0.0	0.0	24.7	28.5
RP 3.02: GRAIN SORGHUM	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2
RP 3.03: WHEAT	6.1	0.0	0.0	6.1	5.5	0.0	0.0	0.0	0.0	5.5	11.7
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	3.1	0.0	0.0	3.1	4.2	0.0	0.0	0.0	0.0	4.2	7.4
RP 3.05: RICE	1.0	0.0	0.0	1.0	0.9	0.0	0.0	0.0	0.0	0.9	2.0
RP 3.06: SOYBEANS	15.2	0.0	0.0	15.2	7.5	2.7	0.0	0.0	0.2	10.4	25.7
RP 3.07: PEANUTS	0.2	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.2	0.5
RP 3.08: SUGAR	3.6	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	3.6
RP 3.09: FORAGE, RANGE, & PASTURE	19.4	0.2	0.0	19.6	30.1	1.1	0.0	0.0	0.0	31.2	50.9
RP 3.10: COTTON	0.8	0.0	0.0	0.8	0.2	0.0	0.0	0.0	0.0	0.2	1.1
RP 3.11: TOBACCO	5.3	0.0	0.0	5.3	9.9	0.0	0.0	0.0	0.0	9.9	15.2
RP 3.12: NEW CROPS & MINOR OILSEEDS	8.6	0.0	0.0	8.6	1.9	0.0	0.0	0.0	0.0	1.9	10.6
RP 3.13: FRUIT	33.9	0.0	0.0	33.9	85.5	0.0	0.0	0.0	0.0	85.5	119.4
RP 3.14: VEGETABLE CROPS	42.6	0.0	0.0	42.6	99.7	1.5	0.1	0.0	0.0	101.3	144.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	23.8	0.0	0.0	23.8	36.9	0.0	0.0	0.0	0.0	36.9	60.8
RP 3.16: BEES & OTHER POLLINATING INSECTS	2.8	0.0	0.0	2.8	2.5	0.0	0.0	0.0	0.0	2.5	5.3
RP 3.17: WEEDS IN CROPS	8.0	0.0	0.0	8.0	1.3	0.0	0.0	0.0	0.0	1.3	9.4
RP 3.18: SEEDS	6.0	0.0	0.0	6.0	2.4	0.0	0.0	0.0	0.0	2.4	8.5
RP 3.19: NONSPECIFIC PLANTS	66.3	12.5	0.0	78.8	26.8	0.3	1.4	0.0	1.5	30.2	109.0

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY NORTHEAST REGION

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.01: BEEF	39.7	3.2	0.0	43.0	12.4	0.0	0.0	3.4	0.0	15.9	58.9
RP 4.02: DAIRY	59.4	1.6	0.0	61.0	56.2	0.4	0.0	16.6	0.0	73.2	134.3
RP 4.03: POULTRY	20.4	0.1	0.0	20.5	52.4	0.0	0.0	6.8	0.0	59.3	79.8
RP 4.04: SHEEP	8.1	0.4	0.0	8.5	6.7	0.0	0.0	1.6	0.0	8.3	16.9
RP 4.05: SWINE	32.7	0.8	0.0	33.5	8.3	0.0	0.0	4.2	0.0	12.6	46.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	7.8	0.0	0.0	7.8	9.6	0.0	0.0	30.5	0.0	40.2	48.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	13.7	0.2	0.0	2.2	0.0	16.1	16.1
RP 4.08: NONSPECIFIC ANIMALS	5.4	3.1	0.0	8.5	10.6	0.0	0.8	15.4	0.0	26.9	35.4
RP 4.09: INVERTEBRATES	64.7	0.0	0.0	64.7	12.9	0.0	0.0	0.0	0.0	13.0	77.7
RP 5.01: INDIVIDUALS AND FAMILIES	6.1	13.9	0.0	20.0	24.3	0.5	0.0	0.0	0.0	24.9	44.9
RP 5.02: LIVING ENVIRONMENT	0.0	5.5	0.0	5.5	4.3	0.0	0.0	0.0	0.0	4.3	9.8
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	35.1	0.0	35.1	41.2	0.9	0.3	6.3	0.0	48.8	83.9
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	2.0	0.0	0.0	2.0	11.5	0.0	0.0	0.0	0.0	11.5	13.6
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.5	51.3	0.0	51.8	28.0	0.0	0.0	0.0	0.0	28.0	79.9
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	1.4	107.9	0.0	109.3	17.0	0.0	0.0	0.0	0.0	17.0	126.3
RP 6.03: MARKETING & COMPETITION	0.0	147.7	0.0	147.7	25.9	0.0	0.0	0.0	0.0	25.9	173.6
RP 7.01: HANDADE RESOURCES	0.4	0.0	0.0	0.4	5.6	0.0	2.8	0.4	0.0	8.8	9.3
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	20.6	0.0	0.0	20.6	48.6	0.0	5.1	3.8	3.9	61.5	82.2
RP 8.01: HUMAN NUTRITION	57.3	5.7	0.0	63.0	29.4	0.5	0.0	0.0	5.2	35.1	98.1
RP 8.02: FOOD PROCESSING	1.9	0.0	0.0	1.9	15.1	0.0	0.0	0.0	0.0	15.1	17.0
RP 8.03: FOOD SAFETY	47.4	0.3	0.0	47.7	24.2	0.8	0.0	0.0	0.0	25.0	72.8
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	5.5	5.5
GRAND TOTAL	711.2	471.1	103.0	1285.3	1006.3	10.8	51.2	93.4	11.1	1172.8	2458.1

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY SOUTHERN REGION

	USDA				OTHER INSTITUTIONS						
	ARS	EPS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	30.7	0.0	0.0	30.7	80.6	5.1	0.0	0.0	0.0	85.7	116.5
RP 1.02: WATER & WATERSHEDS	55.5	0.0	0.0	55.5	43.2	0.6	0.4	0.0	0.0	44.3	99.8
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	4.5	4.5
RP 1.04: ENVIRONMENTAL QUALITY	26.9	0.0	0.0	26.9	56.6	12.3	0.0	0.7	0.0	69.6	96.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.5	0.0	0.0	0.5	9.0	0.2	0.0	0.0	0.0	9.2	9.8
RP 1.06: FISH & WILDLIFE	0.4	0.0	0.0	0.4	22.4	0.0	0.8	0.4	0.0	23.7	24.1
RP 1.07: REMOTE SENSING	8.6	0.0	0.0	8.6	1.8	0.4	0.0	0.0	0.0	2.3	10.9
RP 1.08: AQUATIC WEEDS	0.8	0.0	0.0	0.8	2.2	0.0	0.0	0.0	0.0	2.2	3.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	14.0	14.0	6.8	0.1	1.4	0.0	0.0	8.5	22.5
RP 2.02: TIMBER MANAGEMENT	0.2	0.0	70.8	71.0	58.8	2.1	5.1	0.0	0.0	66.1	137.1
RP 2.03: FOREST PROTECTION	0.0	0.0	39.5	39.5	19.8	0.0	3.3	0.0	0.0	23.2	62.7
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	24.5	24.5	51.1	0.0	4.1	0.0	0.0	55.3	79.8
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	21.7	21.7	12.9	0.0	2.5	0.0	0.0	15.4	37.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	12.6	12.6	10.0	0.0	1.0	0.0	0.0	11.1	23.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	2.0	2.0	4.0	0.0	1.0	0.0	0.0	5.0	7.0
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	1.6	1.6	6.7	0.0	1.6	0.0	0.0	8.4	10.0
RP 2.09: TECHNICAL ASSISTANCE	0.6	0.0	0.0	0.6	0.3	0.0	0.0	0.0	0.0	0.3	1.0
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	1.0	0.0	0.1	0.0	0.0	1.1	1.1
RP 3.01: CORN	23.0	0.0	0.0	23.0	50.4	0.3	0.0	0.0	0.0	50.8	73.8
RP 3.02: GRAIN SORGHUM	9.9	0.0	0.0	9.9	31.7	0.1	0.0	0.0	0.0	31.8	41.7
RP 3.03: WHEAT	9.6	0.0	0.0	9.6	36.5	0.6	0.0	0.0	0.0	37.1	46.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.4	0.0	0.0	1.4	11.6	1.0	0.0	0.0	0.0	12.6	14.1
RP 3.05: RICE	13.4	0.0	0.0	13.4	34.7	0.0	0.0	0.0	0.0	34.7	48.1
RP 3.06: SOYBEANS	29.2	0.0	0.0	29.2	120.3	9.8	0.0	0.0	0.0	130.1	159.4
RP 3.07: PEANUTS	31.4	0.0	0.0	31.4	40.0	2.0	0.0	0.0	0.0	42.0	73.5
RP 3.08: SUGAR	24.7	0.0	0.0	24.7	31.2	0.2	0.0	0.0	0.3	31.7	56.5
RP 3.09: FORAGE, RANGE, & PASTURE	48.6	0.0	0.0	48.6	144.3	5.1	0.0	0.0	0.5	149.9	198.5
RP 3.10: COTTON	149.5	0.0	0.0	149.5	91.5	1.2	0.0	0.0	0.0	92.8	242.4
RP 3.11: TOBACCO	28.3	0.0	0.0	28.3	44.8	1.0	0.0	0.0	0.0	45.8	74.1
RP 3.12: NEW CROPS & MINOR OILSEEDS	8.4	0.0	0.0	8.4	15.1	0.7	0.0	0.0	0.0	15.8	24.3
RP 3.13: FRUIT	68.1	0.0	0.0	68.1	151.3	2.9	0.0	0.0	0.8	155.0	223.2
RP 3.14: VEGETABLE CROPS	39.6	0.0	0.0	39.6	175.1	11.2	0.0	0.0	0.1	186.4	226.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	2.8	0.0	0.0	2.8	100.8	0.3	0.2	0.0	0.0	101.3	104.1
RP 3.16: BEES & OTHER POLLINATING INSECTS	7.3	0.0	0.0	7.3	3.3	0.2	0.0	0.0	0.0	3.5	10.8
RP 3.17: WEEDS IN CROPS	5.6	0.0	0.0	5.6	4.4	0.0	0.0	0.0	0.0	4.4	10.0

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983

REGION 2

SOUTHERN REGION

RESEARCH PROGRAM SUMMARY

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	PRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 3.18: SEEDS	0.8	0.0	0.0	0.8	3.8	0.0	0.0	0.0	0.0	3.8	4.7
RP 3.19: NONSPECIFIC PLANTS	45.0	0.0	0.0	45.0	52.8	0.6	0.0	0.0	1.4	54.9	99.9
RP 4.01: BEEF	51.9	0.0	0.0	51.9	159.6	5.7	0.0	8.5	0.0	173.9	225.9
RP 4.02: DAIRY	6.8	0.0	0.0	6.8	85.6	1.7	0.0	5.1	0.0	92.5	99.3
RP 4.03: POULTRY	20.6	0.0	0.0	20.6	90.6	4.9	0.0	8.6	0.0	104.2	124.8
RP 4.04: SHEEP	4.4	0.0	0.0	4.4	19.0	1.7	0.0	2.3	0.0	23.1	27.6
RP 4.05: SWINE	5.6	0.0	0.0	5.6	50.4	5.1	0.0	6.9	0.0	62.4	68.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.2	0.0	0.0	0.2	35.4	6.9	0.0	11.2	0.0	53.6	53.8
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	35.7	4.1	0.0	3.9	0.0	43.7	43.7
RP 4.08: NONSPECIFIC ANIMALS	11.7	0.0	0.0	11.7	15.7	0.1	0.0	5.1	0.0	21.0	32.7
RP 4.09: INVERTEBRATES	24.1	0.0	0.0	24.1	18.9	1.5	0.0	0.0	0.0	20.4	44.5
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	17.9	10.7	0.0	0.0	0.0	28.7	28.7
RP 5.02: LIVING ENVIRONMENT	5.9	0.0	3.5	9.4	10.6	4.2	0.0	0.0	0.0	14.8	24.3
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	4.4	0.0	0.0	4.4	39.5	25.0	0.0	0.3	0.0	64.9	69.3
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	20.8	0.0	0.0	20.8	8.3	0.0	0.0	0.0	0.0	8.3	29.1
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	10.8	0.0	0.0	0.0	0.0	10.8	10.8
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	1.6	0.0	0.0	1.6	59.0	4.9	0.2	0.0	0.0	64.2	65.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	2.4	0.0	0.0	2.4	13.0	0.0	0.0	0.0	0.0	13.0	15.4
RP 6.03: MARKETING & COMPETITION	8.3	0.0	0.0	8.3	79.1	1.5	0.0	0.0	0.0	80.7	89.0
RP 7.01: MANMADE RESOURCES	0.8	0.0	0.0	0.8	3.2	0.0	0.0	0.0	0.0	3.2	4.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	5.0	0.0	0.0	5.0	52.6	2.5	0.0	0.0	0.3	55.4	60.5
RP 8.01: HUMAN NUTRITION	2.3	0.0	0.0	2.3	37.2	17.8	0.0	0.0	0.2	55.2	57.5
RP 8.02: FOOD PROCESSING	0.9	0.0	0.0	0.9	6.1	0.0	0.0	0.0	0.0	6.1	7.0
RP 8.03: FOOD SAFETY	34.8	0.0	0.0	34.8	32.9	9.1	0.0	1.0	0.0	43.0	77.9
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0
RP 8.05: FOOD SERVICE	0.2	0.0	0.0	0.2	1.6	0.0	0.0	0.0	0.0	1.6	1.8
RP 9.01: UNCLASSIFIED	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
GRAND TOTAL	886.6	0.0	190.2	1076.8	2420.9	166.8	26.3	54.4	3.6	2672.0	3748.8

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY NORTH CENTRAL REGION

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	29.5	0.0	0.0	29.5	93.6	0.0	0.0	0.0	0.0	93.6	123.1
RP 1.02: WATER & WATERSHEDS	19.3	0.0	0.0	19.3	32.2	0.0	0.1	0.0	0.0	32.3	51.7
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.5	3.5
RP 1.04: ENVIRONMENTAL QUALITY	10.4	0.0	0.0	10.4	34.3	0.0	0.0	0.3	0.0	34.6	45.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	1.4	0.0	0.0	1.4	14.1	0.0	0.0	0.0	0.0	14.1	15.6
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	13.4	0.0	0.0	0.4	0.0	13.9	13.9
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 1.08: AQUATIC WEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	10.2	10.2	5.4	0.0	0.6	0.0	0.0	6.1	16.3
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	33.9	33.9	32.3	0.0	5.2	0.0	0.0	37.5	71.4
RP 2.03: FOREST PROTECTION	0.0	0.0	35.6	35.6	11.4	0.0	1.4	0.0	0.0	12.8	48.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	98.9	98.9	19.9	0.0	5.9	0.0	0.0	25.8	124.8
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	8.1	8.1	8.0	0.0	3.0	0.0	0.0	11.1	19.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	4.0	4.0	2.5	0.0	0.0	0.0	0.0	2.5	6.5
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	7.0	7.0	4.8	0.0	0.2	0.0	0.0	5.0	12.0
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	11.0	11.0	5.2	0.0	0.3	0.0	0.0	5.6	16.6
RP 2.09: TECHNICAL ASSISTANCE	0.4	0.0	0.0	0.4	0.7	0.0	0.0	0.0	0.0	0.7	1.2
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.01: CORN	58.2	0.0	0.0	58.2	105.7	0.0	0.0	0.0	0.0	105.7	163.9
RP 3.02: GRAIN SORGHUM	8.3	0.0	0.0	8.3	25.3	0.0	0.0	0.0	0.0	25.3	33.7
RP 3.03: WHEAT	43.0	0.0	0.0	43.0	70.6	0.0	0.0	0.0	0.0	70.6	113.7
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	19.5	0.0	0.0	19.5	29.9	0.0	0.0	0.0	0.0	29.9	49.5
RP 3.05: RICE	1.0	0.0	0.0	1.0	2.3	0.0	0.0	0.0	0.0	2.3	3.3
RP 3.06: SOYBEANS	61.6	0.0	0.0	61.6	74.4	1.0	0.0	0.0	0.0	75.4	137.0
RP 3.07: PEANUTS	0.9	0.0	0.0	0.9	0.1	0.0	0.0	0.0	0.0	0.1	1.0
RP 3.08: SUGAR	5.9	0.0	0.0	5.9	6.1	0.0	0.0	0.0	0.0	6.1	12.0
RP 3.09: FORAGE, RANGE, & PASTURE	27.7	0.0	0.0	27.7	62.1	0.5	0.0	0.0	0.0	62.6	90.3
RP 3.10: COTTON	1.3	0.0	0.0	1.3	1.5	0.0	0.0	0.0	0.0	1.5	2.9
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	18.9	0.0	0.0	18.9	20.4	0.0	0.0	0.0	0.0	20.4	39.3
RP 3.13: FRUIT	5.4	0.0	0.0	5.4	38.0	0.0	0.0	0.0	0.0	38.0	43.5
RP 3.14: VEGETABLE CROPS	16.4	0.0	0.0	16.4	76.7	1.0	0.0	0.0	0.0	77.7	94.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	6.3	0.0	0.0	6.3	40.2	0.0	0.0	0.0	0.0	40.2	46.6
RP 3.16: BEES & OTHER POLLINATING INSECTS	2.6	0.0	0.0	2.6	1.5	0.0	0.0	0.0	0.0	1.5	4.2
RP 3.17: WEEDS IN CROPS	4.0	0.0	0.0	4.0	2.4	0.0	0.0	0.0	0.0	2.4	6.4

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY NORTH CENTRAL REGION

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	4.7	4.7
RP 3.19: NONSPECIFIC PLANTS	37.6	0.0	0.0	37.6	65.9	0.0	0.0	0.0	2.1	68.0	105.7
RP 4.01: BEEF	37.4	0.0	0.0	37.4	115.0	1.0	0.0	8.2	0.0	124.3	161.7
RP 4.02: DAIRY	22.7	0.0	0.0	22.7	86.1	0.0	0.0	5.3	0.0	91.5	114.3
RP 4.03: POULTRY	21.1	0.0	0.0	21.1	41.3	1.0	0.0	2.8	0.0	45.1	66.2
RP 4.04: SHEEP	12.3	0.0	0.0	12.3	19.6	0.6	0.0	0.8	0.0	21.1	33.4
RP 4.05: SWINE	25.1	0.0	0.0	25.1	74.5	0.8	0.0	13.0	0.0	88.4	113.6
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	18.3	0.3	0.0	2.4	0.0	21.1	21.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	3.8	3.8
RP 4.08: NONSPECIFIC ANIMALS	3.4	0.0	0.0	3.4	34.3	0.0	0.0	5.1	0.0	39.5	42.9
RP 4.09: INVERTEBRATES	24.1	0.0	0.0	24.1	11.9	0.0	0.0	0.0	0.0	11.9	36.0
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	34.6	0.0	0.0	0.0	0.0	34.6	34.6
RP 5.02: LIVING ENVIRONMENT	0.3	0.0	0.0	0.3	10.7	0.0	0.0	0.0	0.0	10.7	11.1
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.1	0.0	0.0	0.1	40.2	0.5	0.2	1.1	0.0	42.1	42.3
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	6.6	6.6
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	1.1	0.0	0.0	1.1	53.7	0.0	0.0	0.0	0.0	53.7	54.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	9.8	0.0	0.0	9.8	10.0	0.0	0.0	0.0	0.0	10.0	19.8
RP 6.03: MARKETING & COMPETITION	5.8	0.0	0.0	5.8	53.6	0.0	0.5	0.0	0.0	54.1	60.0
RP 7.01: MANMADE RESOURCES	2.0	0.0	0.0	2.0	9.7	0.0	0.0	0.0	0.0	9.7	11.7
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OF RPGS	17.1	0.0	0.0	17.1	72.0	0.0	0.0	0.0	15.3	87.3	104.4
RP 8.01: HUMAN NUTRITION	16.6	0.0	0.0	16.6	37.3	3.0	0.0	0.0	0.3	40.6	57.2
RP 8.02: FOOD PROCESSING	3.8	0.0	0.0	3.8	11.6	0.0	0.0	0.0	0.0	11.6	15.4
RP 8.03: FOOD SAFETY	28.3	0.0	0.0	28.3	26.5	0.0	0.0	0.1	0.0	26.6	54.9
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.4	0.0	0.0	0.4	2.8	0.0	0.0	0.0	0.0	2.8	3.2
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	5.3	5.3
GRAND TOTAL	612.6	0.0	208.8	821.4	1698.4	9.9	17.7	40.0	17.7	1783.7	2605.1

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY WESTERN REGION

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	35.9	0.0	0.0	35.9	77.9	0.0	0.5	0.0	0.0	78.5	114.4
RP 1.02: WATER & WATERSHEDS	57.9	0.0	2.7	60.6	66.3	0.0	1.4	0.0	0.0	67.7	128.3
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	5.6	0.0	1.1	0.0	0.0	6.8	6.8
RP 1.04: ENVIRONMENTAL QUALITY	19.8	0.0	0.0	19.8	56.5	0.0	0.1	12.0	0.0	68.6	88.5
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	2.7	0.0	0.0	2.7	19.5	0.0	1.9	0.0	0.0	21.4	24.2
RP 1.06: FISH & WILDLIFE	1.1	0.0	0.0	1.1	22.0	0.0	6.5	0.0	0.0	28.5	29.6
RP 1.07: REMOTE SENSING	0.1	0.0	0.0	0.1	1.8	0.0	0.0	0.0	0.0	1.8	2.0
RP 1.08: AQUATIC WEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	19.5	19.5	11.7	0.0	3.7	0.0	0.0	15.4	34.9
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	74.1	74.1	14.0	0.0	41.4	0.0	0.0	55.4	129.5
RP 2.03: FOREST PROTECTION	0.0	0.0	97.6	97.6	13.8	0.0	11.0	0.0	0.0	24.9	122.5
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	18.1	18.1	24.5	0.0	25.4	0.0	0.0	49.9	68.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	59.8	59.8	6.7	0.0	12.1	0.0	0.0	18.9	78.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	37.1	37.1	14.8	0.0	9.7	0.0	0.0	24.5	61.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	9.5	9.5	5.9	0.0	2.3	0.0	0.0	8.3	17.8
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	16.1	16.1	5.0	0.0	0.3	0.0	0.0	5.3	21.4
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.2	1.2
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.3	0.0	0.2	0.0	0.0	0.5	0.5
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.2	0.0	0.4	0.0	0.0	0.6	0.6
RP 3.01: CORN	0.2	0.0	0.0	0.2	10.8	0.0	0.0	0.0	0.0	10.8	11.1
RP 3.02: GRAIN SORGHUM	0.1	0.0	0.0	0.1	4.6	0.0	0.0	0.0	0.0	4.6	4.8
RP 3.03: WHEAT	36.3	0.0	0.0	36.3	51.9	0.0	0.0	0.0	0.0	51.9	88.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	9.3	0.0	0.0	9.3	34.1	0.0	0.0	0.0	0.0	34.1	43.5
RP 3.05: RICE	1.8	0.0	0.0	1.8	3.4	0.0	0.0	0.0	0.0	3.4	5.2
RP 3.06: SOYBEANS	0.1	0.0	0.0	0.1	5.0	0.0	0.0	0.0	0.0	5.0	5.1
RP 3.07: PEANUTS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.08: SUGAR	16.8	0.0	0.0	16.8	8.4	0.0	0.0	0.0	0.0	8.4	25.3
RP 3.09: FORAGE, RANGE, & PASTURE	62.4	0.0	1.0	63.4	113.3	0.0	1.9	0.0	0.0	115.3	178.7
RP 3.10: COTTON	28.9	0.0	0.0	28.9	32.5	0.0	0.0	0.0	0.0	32.5	61.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	10.7	0.0	0.0	10.7	29.6	0.0	0.0	0.0	0.0	29.6	40.3
RP 3.13: FRUIT	59.1	0.0	0.0	59.1	147.3	0.0	0.0	0.0	0.0	147.3	206.4
RP 3.14: VEGETABLE CROPS	29.6	0.0	0.0	29.6	130.2	0.0	0.0	0.0	0.0	130.2	159.8
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	7.2	0.0	0.0	7.2	48.3	0.0	0.0	0.0	0.0	48.3	55.6
RP 3.16: BEES & OTHER POLLINATING INSECTS	13.9	0.0	0.0	13.9	7.9	0.0	0.0	0.0	0.0	7.9	21.8
RP 3.17: WEEDS IN CROPS	7.0	0.0	0.0	7.0	1.5	0.0	0.0	0.0	0.0	1.5	8.6
RP 3.18: SEEDS	2.0	0.0	0.0	2.0	12.8	0.0	0.0	0.0	0.0	12.8	14.8

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY WESTERN REGION

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 3.19: NONSPECIFIC PLANTS	48.6	0.0	0.0	48.6	79.9	0.0	0.0	0.0	0.3	80.2	128.9
RP 4.01: BEEF	24.0	0.0	0.0	24.0	108.8	0.0	0.0	7.2	0.0	116.1	140.1
RP 4.02: DAIRY	6.9	0.0	0.0	6.9	44.3	0.0	0.0	14.5	0.0	58.9	65.9
RP 4.03: POULTRY	2.9	0.0	0.0	2.9	28.4	0.0	0.0	3.1	0.0	31.6	34.5
RP 4.04: SHEEP	12.6	0.0	0.0	12.6	30.8	0.0	0.0	5.6	0.0	36.4	49.1
RP 4.05: SWINE	0.4	0.0	0.0	0.4	8.9	0.0	0.0	1.7	0.0	10.7	11.2
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	4.2	0.0	0.0	4.2	16.2	0.0	0.0	18.0	0.0	34.3	38.5
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	15.6	0.0	0.0	0.0	0.0	15.6	15.6
RP 4.08: NONSPECIFIC ANIMALS	4.3	0.0	0.0	4.3	55.2	0.0	0.0	40.5	0.0	95.7	100.1
RP 4.09: INVERTEBRATES	9.1	0.0	0.0	9.1	31.7	0.0	0.0	0.0	0.0	31.7	40.8
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	24.0	0.0	0.1	0.0	0.0	24.1	24.1
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	6.3	6.3
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	24.9	0.0	0.0	0.0	0.0	24.9	24.9
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.1	0.0	0.0	0.1	17.2	0.0	0.0	0.0	0.0	17.2	17.4
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	13.2	0.0	0.0	0.0	0.0	13.2	13.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	29.3	0.0	0.3	0.0	0.1	29.7	29.7
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	5.6	0.0	0.0	5.6	5.8	0.0	0.0	0.3	0.0	6.1	11.8
RP 6.03: MARKETING & COMPETITION	1.2	0.0	0.0	1.2	34.3	0.0	0.0	0.0	0.0	34.3	35.5
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	5.4	0.0	0.3	0.3	0.0	6.1	6.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.8	0.0	0.0	0.8	53.5	0.0	0.0	0.6	1.2	55.3	56.2
RP 8.01: HUMAN NUTRITION	14.5	0.0	0.0	14.5	48.3	0.0	0.0	0.0	0.3	48.6	63.2
RP 8.02: FOOD PROCESSING	12.5	0.0	0.0	12.5	5.9	0.0	0.0	0.0	0.0	5.9	18.4
RP 8.03: FOOD SAFETY	20.5	0.0	0.0	20.5	36.2	0.0	0.0	0.2	0.0	36.5	57.0
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
GRAND TOTAL	572.7	0.0	335.7	908.4	1719.4	0.0	121.4	104.4	1.9	1947.1	2855.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983

FOREIGN

RESEARCH PROGRAM SUMMARY

CANADA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4
GRAND TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983

FOREIGN

RESEARCH PROGRAM SUMMARY

EL SALVADOR

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 3.13: FRUIT	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
GRAND TOTAL	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983

FOREIGN

RESEARCH PROGRAM SUMMARY

FRANCE

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 2.03: FOREST PROTECTION	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 3.02: GRAIN SORGHUM	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 3.09: FORAGE, RANGE, & PASTURE	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 3.14: VEGETABLE CROPS	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 4.09: INVERTEBRATES	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
GRAND TOTAL	3.4	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	3.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983

FOREIGN

RESEARCH PROGRAM SUMMARY

JAPAN

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 2.03: FOREST PROTECTION	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 3.19: NONSPECIFIC PLANTS	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
RP 4.08: NONSPECIFIC ANIMALS	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
GRAND TOTAL	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983

FOREIGN

RESEARCH PROGRAM SUMMARY

KENYA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.01: BEEF	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 4.02: DAIRY	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
GRAND TOTAL	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983

FOREIGN

RESEARCH PROGRAM SUMMARY

NETHERLANDS

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	1.8	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	1.8
GRAND TOTAL	1.8	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	1.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983

FOREIGN

RESEARCH PROGRAM SUMMARY

THAILAND

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
GRAND TOTAL	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY CONNECTICUT

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	CONN H HAV	CONN STORRS	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.9	0.9
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	0.4	0.5	0.0	0.0	0.0	0.9	0.9
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.3
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	3.4	0.2	0.0	0.0	0.0	3.7	3.7
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.4	0.4
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.9	0.9
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.7	0.7
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 2.03: FOREST PROTECTION	0.0	0.0	14.3	14.3	4.9	0.0	0.0	0.0	0.0	4.9	19.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	1.2	1.2
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.01: CORN	0.0	0.0	0.0	0.0	0.8	0.8	0.0	0.0	0.0	1.6	1.6
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.9	0.9
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	5.5	5.5
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	4.8	4.8
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	3.8	1.8	0.0	0.0	0.0	5.7	5.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	1.6	0.9	0.0	0.0	0.0	2.6	2.6
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.2	0.2
RP 4.01: BEEF	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.7	0.7
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	1.0	2.5	0.0	0.0	0.0	3.5	3.5
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	3.3	3.3
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.6	1.8	0.0	0.0	0.0	2.4	2.4
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.5
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	2.7	2.7
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.3
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	1.3	1.3
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.5	0.5
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	1.8	1.8
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	1.5	1.5
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
GRAND TOTAL	0.0	0.0	14.3	14.3	34.4	26.9	0.0	0.0	0.0	61.3	75.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY DELAWARE

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	0.9	0.2	0.0	0.0	0.0	1.1	1.1
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.7	0.7
RP 2.03: FOREST PROTECTION	0.7	0.0	0.0	0.7	1.2	0.0	0.0	0.0	0.0	1.2	1.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.01: CORN	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	3.8	3.8
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.1	1.1
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	4.1	1.5	0.0	0.0	0.0	5.6	5.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.19: NONSPECIFIC PLANTS	2.8	0.0	0.0	2.8	1.3	0.0	0.0	0.0	0.0	1.3	4.1
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	0.6	0.4	0.0	0.0	0.0	1.0	1.0
RP 4.03: POULTRY	2.6	0.0	0.0	2.6	6.3	0.0	0.0	0.0	0.0	6.3	8.9
RP 4.05: SWINE	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.09: INVERTEBRATES	1.5	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.5
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.4	0.5	0.0	0.0	0.0	1.9	1.9
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 8.03: FOOD SAFETY	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
GRAND TOTAL	7.9	0.0	0.0	7.9	30.0	4.4	0.0	0.0	0.0	34.4	42.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY DISTRICT OF COLUMBIA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	19.8	0.0	19.8	0.4	0.0	0.0	0.0	0.0	0.4	20.2
RP 1.02: WATER & WATERSHEDS	0.0	60.6	0.0	60.6	0.0	0.0	0.0	0.0	0.0	0.0	60.6
RP 1.03: RECREATION	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.8	0.0	0.8	0.4	0.0	0.0	0.0	0.0	0.4	1.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	8.5	0.0	0.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	8.5
RP 3.19: NONSPECIFIC PLANTS	0.0	12.5	0.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	12.5
RP 4.01: BEEF	0.0	3.2	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	3.2
RP 4.02: DAIRY	0.0	1.6	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	1.6
RP 4.03: POULTRY	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
RP 4.04: SHEEP	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
RP 4.05: SWINE	0.0	0.8	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8
RP 4.08: NONSPECIFIC ANIMALS	0.0	3.1	0.0	3.1	0.1	0.0	0.0	0.0	0.0	0.1	3.2
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	13.9	0.0	13.9	0.0	0.0	0.0	0.0	0.0	0.0	13.9
RP 5.02: LIVING ENVIRONMENT	0.0	5.5	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	5.5
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	35.1	0.0	35.1	0.1	0.0	0.0	0.0	0.0	0.1	35.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	51.3	0.0	51.3	0.0	0.0	0.0	0.0	0.0	0.0	51.3
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	107.9	0.0	107.9	0.0	0.0	0.0	0.0	0.0	0.0	107.9
RP 6.03: MARKETING & COMPETITION	0.0	147.7	0.0	147.7	0.0	0.0	0.0	0.0	0.0	0.0	147.7
RP 8.01: HUMAN NUTRITION	0.0	5.7	0.0	5.7	0.5	0.0	0.0	0.0	2.4	2.9	8.6
RP 8.03: FOOD SAFETY	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
GRAND TOTAL	8.5	471.1	0.0	479.6	1.6	0.0	0.0	0.0	2.4	4.0	483.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY MAINE

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	3.3	3.3
RP 1.02: WATER & WATERSHEDS	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	2.9	2.9
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	3.3	3.3	3.8	0.0	0.0	0.0	0.0	3.8	7.1
RP 2.03: FOREST PROTECTION	0.0	0.0	1.7	1.7	3.0	0.0	0.0	0.0	0.0	3.0	4.8
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	4.2	4.2
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	7.2	0.0	0.0	0.0	0.0	7.2	7.2
RP 3.09: FORAGE, RANGE, & PASTURE	0.5	0.0	0.0	0.5	1.4	0.0	0.0	0.0	0.0	1.4	1.9
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.0	5.7	5.7
RP 3.14: VEGETABLE CROPS	1.5	0.0	0.0	1.5	8.9	0.0	0.0	0.0	0.0	8.9	10.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.1
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	4.8	4.8
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	4.2	4.2
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	3.3	3.3
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
GRAND TOTAL	3.0	0.0	5.1	8.1	73.0	0.0	0.0	0.0	0.0	73.0	81.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY MARYLAND

	USDA					OTHER INSTITUTIONS					
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	5.6	0.0	0.0	5.6	2.2	0.2	0.0	0.0	0.0	2.4	8.1
RP 1.02: WATER & WATERSHEDS	4.4	0.0	0.0	4.4	2.1	0.0	0.0	0.0	0.0	2.1	6.5
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 1.04: ENVIRONMENTAL QUALITY	29.5	0.0	0.0	29.5	2.8	0.5	0.0	0.0	0.0	3.3	32.9
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	1.6	0.0	0.0	1.6	0.3	0.0	0.0	0.0	0.0	0.3	1.9
RP 1.06: FISH & WILDLIFE	0.7	0.0	0.0	0.7	0.4	0.0	0.0	0.0	0.0	0.4	1.2
RP 1.07: REMOTE SENSING	4.7	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	4.7
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	2.8	2.8
RP 2.03: FOREST PROTECTION	1.3	0.0	0.0	1.3	1.2	0.0	0.0	0.0	0.0	1.2	2.5
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.01: CORN	3.7	0.0	0.0	3.7	1.6	0.0	0.0	0.0	0.0	1.6	5.4
RP 3.02: GRAIN SORGHUM	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
RP 3.03: WHEAT	5.3	0.0	0.0	5.3	1.1	0.0	0.0	0.0	0.0	1.1	6.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.7	0.0	0.0	1.7	0.5	0.0	0.0	0.0	0.0	0.5	2.2
RP 3.05: RICE	1.0	0.0	0.0	1.0	0.2	0.0	0.0	0.0	0.0	0.2	1.3
RP 3.06: SOYBEANS	13.0	0.0	0.0	13.0	2.7	2.7	0.0	0.0	0.2	5.6	18.7
RP 3.07: PEANUTS	0.2	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.2	0.4
RP 3.08: SUGAR	3.6	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	3.6
RP 3.09: FORAGE, RANGE, & PASTURE	7.8	0.0	0.0	7.8	1.9	0.0	0.0	0.0	0.0	1.9	9.8
RP 3.10: COTTON	0.8	0.0	0.0	0.8	0.2	0.0	0.0	0.0	0.0	0.2	1.1
RP 3.11: TOBACCO	5.3	0.0	0.0	5.3	3.8	0.0	0.0	0.0	0.0	3.8	9.1
RP 3.12: NEW CROPS & MINOR OILSEEDS	7.4	0.0	0.0	7.4	1.1	0.0	0.0	0.0	0.0	1.1	8.5
RP 3.13: FRUIT	16.6	0.0	0.0	16.6	4.4	0.0	0.0	0.0	0.0	4.4	21.1
RP 3.14: VEGETABLE CROPS	26.2	0.0	0.0	26.2	6.4	0.0	0.0	0.0	0.0	6.4	32.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	14.2	0.0	0.0	14.2	4.2	0.0	0.0	0.0	0.0	4.2	18.4
RP 3.16: BEES & OTHER POLLINATING INSECTS	2.8	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	2.8
RP 3.17: WEEDS IN CROPS	7.1	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	7.1
RP 3.18: SEEDS	6.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
RP 3.19: NONSPECIFIC PLANTS	50.2	0.0	0.0	50.2	2.1	0.3	0.0	0.0	0.0	2.5	52.8
RP 4.01: BEEF	14.6	0.0	0.0	14.6	3.5	0.0	0.0	0.0	0.0	3.5	18.1
RP 4.02: DAIRY	34.0	0.0	0.0	34.0	6.4	0.0	0.0	0.0	0.0	6.4	40.4
RP 4.03: POULTRY	16.9	0.0	0.0	16.9	7.9	0.0	0.0	0.0	0.0	7.9	24.8
RP 4.04: SHEEP	5.8	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	5.8
RP 4.05: SWINE	13.4	0.0	0.0	13.4	1.1	0.0	0.0	0.0	0.0	1.1	14.5
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.1	0.0	0.0	0.1	2.6	0.0	0.0	0.0	0.0	2.6	2.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY MARYLAND

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	1.3	0.2	0.0	0.0	0.0	1.5	1.5
RP 4.08: NONSPECIFIC ANIMALS	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
RP 4.09: INVERTEBRATES	62.7	0.0	0.0	62.7	1.1	0.0	0.0	0.0	0.0	1.1	63.9
RP 5.01: INDIVIDUALS AND FAMILIES	6.1	0.0	0.0	6.1	0.2	0.5	0.0	0.0	0.0	0.7	6.8
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.1	0.4	0.0	0.0	0.0	1.5	1.5
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	2.0	0.0	0.0	2.0	0.1	0.0	0.0	0.0	0.0	0.1	2.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.4	0.0	0.0	0.4	3.2	0.0	0.0	0.0	0.0	3.2	3.6
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.2	0.0	0.0	0.2	1.0	0.0	0.0	0.0	0.0	1.0	1.2
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 7.01: RANGELF RESOURCES	0.4	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.4	0.8
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	17.8	0.0	0.0	17.8	0.8	0.0	0.0	0.0	0.0	0.8	18.6
RP 8.01: HUMAN NUTRITION	47.5	0.0	0.0	47.5	0.0	0.5	0.0	0.0	0.6	1.1	48.6
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 8.03: FOOD SAFETY	9.3	0.0	0.0	9.3	1.9	0.8	0.0	0.0	0.0	2.7	12.0
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
GRAND TOTAL	454.3	0.0	0.0	454.3	80.0	6.4	0.0	0.0	0.8	87.2	541.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY MASSACHUSETTS

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	4.1	4.1
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 2.03: FOREST PROTECTION	0.9	0.0	0.0	0.9	2.5	0.0	0.0	0.0	0.0	2.5	3.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	4.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	4.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.01: CORN	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.13: FRUIT	0.2	0.0	0.0	0.2	9.5	0.0	0.0	0.0	0.0	9.5	9.7
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.9	0.0	0.0	0.9	2.2	0.0	0.0	0.0	0.0	2.2	3.1
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.1	0.0	3.6	3.6
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.5	0.0	4.9	4.9
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.05: SWINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	1.9	1.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	1.0	0.0	1.1	1.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.5	0.0	2.3	2.3
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	1.7	1.7
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.4	0.0	0.5	0.5
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	3.7	2.3	6.3	6.3
RP 8.01: HUMAN NUTRITION	2.9	0.0	0.0	2.9	0.8	0.0	0.0	0.0	0.0	0.8	3.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY MASSACHUSETTS

	USDA				OTHER INSTITUTIONS						
	ARS	EES/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	2.8	2.8
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
GRAND TOTAL	4.9	0.0	4.1	9.0	51.3	0.0	0.0	9.8	2.3	63.4	72.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY NEW HAMPSHIRE

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	9.5	9.5	2.1	0.0	0.0	0.0	0.0	2.1	11.6
RP 2.03: FOREST PROTECTION	0.0	0.0	2.1	2.1	0.4	0.0	0.0	0.0	0.0	0.4	2.5
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	4.1	4.1	0.7	0.0	0.0	0.0	0.0	0.7	4.8
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 4.01: BEEF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
GRAND TOTAL	0.0	0.0	16.9	16.9	25.8	0.0	0.0	0.0	0.0	25.8	42.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY NEW JERSEY

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	4.3	4.3
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	5.9	5.9
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2
RP 3.01: CORN	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.07: PEANUTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 3.10: COTTON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.13: FRUIT	1.6	0.0	0.0	1.6	7.3	0.0	0.0	0.0	0.0	7.3	9.0
RP 3.14: VEGETABLE CROPS	1.3	0.0	0.0	1.3	9.1	0.0	0.0	0.0	0.0	9.1	10.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	7.3	0.0	0.0	0.0	0.0	7.3	7.3
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 4.01: BEEF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 4.05: SWINE	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	4.9	4.9
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY NEW JERSEY

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 7.02: TECHNOLOGY RCT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.2	4.6	4.6
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.5	3.5
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	2.9	2.9
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	0.0	7.9	7.9
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
GRAND TOTAL	3.0	0.0	0.0	3.0	89.9	0.0	0.0	0.0	0.5	90.4	93.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY NEW YORK

	USDA				OTHER INSTITUTIONS						
	ARS	EES/ ACS	FS	USDA TOTAL	NY ITHACA	NY GENEVA	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	1.0	0.0	0.0	1.0	12.9	0.3	0.6	0.0	0.0	13.8	14.9
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	4.8	0.0	1.7	0.0	0.0	6.6	6.6
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	2.0	0.0	0.1	0.0	0.0	2.1	2.1
RP 1.04: ENVIRONMENTAL QUALITY	1.0	0.0	0.0	1.0	5.7	0.5	3.0	1.5	0.0	10.8	11.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.1	0.0	0.0	0.1	2.6	0.2	0.0	0.0	0.0	2.8	2.9
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	7.2	0.0	1.0	0.3	0.0	8.6	8.6
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.7	0.7
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	0.8	0.0	3.9	0.0	0.0	4.7	4.7
RP 2.03: FOREST PROTECTION	0.5	0.0	0.0	0.5	1.4	0.0	2.5	0.0	0.0	3.9	4.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.1	0.0	17.1	0.0	0.0	17.2	17.2
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	1.6	0.0	1.0	0.0	0.0	2.6	2.6
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.3	0.0	0.7	0.0	0.0	1.0	1.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.7	0.0	0.8	0.0	0.0	1.5	1.5
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	1.8	1.8	1.0	0.0	1.1	0.0	0.0	2.1	3.9
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	1.4	1.4
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.3
RP 3.01: CORN	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0	9.5	9.5
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.03: WHEAT	0.1	0.0	0.0	0.1	1.2	0.0	0.0	0.0	0.0	1.2	1.4
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 3.05: RICE	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.06: SOYBEANS	2.1	0.0	0.0	2.1	1.1	0.0	0.0	0.0	0.0	1.1	3.2
RP 3.09: FORAGE, RANGE, & PASTURE	3.4	0.0	0.0	3.4	7.2	0.0	0.0	0.0	0.0	7.3	10.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.6	0.6
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	6.5	27.6	0.0	0.0	0.0	34.2	34.2
RP 3.14: VEGETABLE CROPS	2.2	0.0	0.0	2.2	25.2	19.4	0.1	0.0	0.0	44.9	47.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.2	0.0	0.0	0.2	6.9	0.1	0.0	0.0	0.0	7.0	7.2
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	2.4	2.4
RP 3.19: NONSPECIFIC PLANTS	1.9	0.0	0.0	1.9	10.1	0.5	1.4	0.0	1.5	13.6	15.5
RP 4.01: BEEF	7.0	0.0	0.0	7.0	2.4	0.0	0.0	2.0	0.0	4.4	11.5
RP 4.02: DAIRY	6.7	0.0	0.0	6.7	19.0	0.0	0.0	9.9	0.0	29.0	35.7
RP 4.03: POULTRY	0.2	0.0	0.0	0.2	6.6	0.0	0.0	5.7	0.0	12.4	12.7
RP 4.04: SHEEP	1.9	0.0	0.0	1.9	1.2	0.0	0.0	0.5	0.0	1.8	3.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY NEW YORK

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	NY ITHACA	NY GENEVA	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.05: SWINE	15.8	0.0	0.0	15.8	1.1	0.0	0.0	1.7	0.0	2.9	18.7
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	2.9	0.0	0.0	2.9	1.1	0.0	0.0	25.5	0.0	26.6	29.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	2.7	0.0	0.0	1.7	0.0	4.4	4.4
RP 4.08: NONSPECIFIC ANIMALS	1.5	0.0	0.0	1.5	7.7	0.0	0.8	8.8	0.0	17.3	18.9
RP 4.09: INVERTEBRATES	0.5	0.0	0.0	0.5	5.5	1.0	0.0	0.0	0.0	6.5	7.0
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	18.7	0.0	0.0	0.0	0.0	18.7	18.7
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	14.4	0.1	0.3	6.3	0.0	21.1	21.1
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.1	0.0	0.0	0.1	8.0	0.0	0.0	0.0	0.0	8.0	8.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	10.6	0.0	0.0	0.0	0.0	10.6	10.6
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	8.8	0.2	0.0	0.0	0.0	9.0	9.0
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	4.0	0.0	2.8	0.0	0.0	6.8	6.8
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	2.8	0.0	0.0	2.8	32.0	0.3	5.1	0.1	1.2	38.9	41.7
RP 8.01: HUMAN NUTRITION	2.0	0.0	0.0	2.0	11.9	0.0	0.0	0.0	2.2	14.1	16.1
RP 8.02: FOOD PROCESSING	0.2	0.0	0.0	0.2	5.5	2.4	0.0	0.0	0.0	8.0	8.2
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	1.7	5.9	0.0	0.0	0.0	7.6	7.6
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
GRAND TOTAL	55.0	0.0	1.8	56.8	286.9	61.9	47.6	64.5	4.9	465.8	522.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY PENNSYLVANIA

	USDA				OTHER INSTITUTIONS						
	ARS	EES/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	7.1	0.0	0.0	7.1	4.7	0.0	0.0	0.0	0.0	4.7	11.8
RP 1.02: WATER & WATERSHEDS	2.5	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	2.5
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 1.04: ENVIRONMENTAL QUALITY	9.6	0.0	0.0	9.6	6.5	0.0	0.0	0.0	0.0	6.5	16.2
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	12.1	12.1	0.8	0.0	0.0	0.0	0.0	0.8	12.9
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	6.8	6.8	2.6	0.0	0.0	0.0	0.0	2.6	9.5
RP 2.03: FOREST PROTECTION	0.0	0.0	3.1	3.1	1.3	0.0	0.0	0.0	0.0	1.3	4.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	2.3	2.3	1.4	0.0	0.0	0.0	0.0	1.4	3.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	3.1	3.1	0.2	0.0	0.0	0.0	0.0	0.2	3.3
RP 3.01: CORN	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	5.4	5.4
RP 3.03: WHEAT	0.6	0.0	0.0	0.6	1.6	0.0	0.0	0.0	0.0	1.6	2.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.4	0.0	0.0	1.4	0.6	0.0	0.0	0.0	0.0	0.6	2.0
RP 3.05: RICE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.09: FORAGE, RANGE, & PASTURE	7.7	0.0	0.0	7.7	8.3	0.0	0.0	0.0	0.0	8.3	16.0
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.2	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2
RP 3.13: FRUIT	1.4	0.0	0.0	1.4	9.1	0.0	0.0	0.0	0.0	9.1	10.6
RP 3.14: VEGETABLE CROPS	10.8	0.0	0.0	10.8	10.7	0.0	0.0	0.0	0.0	10.7	21.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	6.5	6.5
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.17: WEEDS IN CROPS	0.9	0.0	0.0	0.9	0.3	0.0	0.0	0.0	0.0	0.3	1.2
RP 3.19: NONSPECIFIC PLANTS	7.9	0.0	0.0	7.9	6.2	0.0	0.0	0.0	0.0	6.2	14.1
RP 4.01: BEEF	17.9	0.0	0.0	17.9	2.6	0.0	0.0	1.3	0.0	4.0	22.0
RP 4.02: DAIRY	18.6	0.0	0.0	18.6	11.0	0.0	0.0	6.5	0.0	17.6	36.3
RP 4.03: POULTRY	0.6	0.0	0.0	0.6	9.3	0.0	0.0	0.6	0.0	9.9	10.6
RP 4.04: SHEEP	0.3	0.0	0.0	0.3	1.4	0.0	0.0	1.0	0.0	2.5	2.8
RP 4.05: SWINE	3.5	0.0	0.0	3.5	3.6	0.0	0.0	0.5	0.0	4.2	7.7
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	4.8	0.0	0.0	4.8	1.3	0.0	0.0	4.0	0.0	5.3	10.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.08: NONSPECIFIC ANIMALS	3.4	0.0	0.0	3.4	0.7	0.0	0.0	4.9	0.0	5.6	9.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY PENNSYLVANIA

	USDA				OTHER INSTITUTIONS						
	ARS	EES/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FPSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
BP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
BP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	2.9	2.9
BP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
BP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	0.0	7.4	7.4
BP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
BP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	6.1	6.1
BP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	1.2	0.0	0.0	1.2	5.4	0.0	0.0	0.0	0.0	5.4	6.6
BP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	4.3	4.3
BP 7.01: RANGE RESOURCES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
BP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC CCHS RESOURCES OR RPGS	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
BP 8.01: HUMAN NUTRITION	4.9	0.0	0.0	4.9	3.2	0.0	0.0	0.0	0.0	3.2	8.1
BP 8.02: FOOD PROCESSING	1.7	0.0	0.0	1.7	1.1	0.0	0.0	0.0	0.0	1.1	2.8
BP 8.03: FOOD SAFETY	37.8	0.0	0.0	37.8	1.8	0.0	0.0	0.0	0.0	1.8	39.6
BP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
GRAND TOTAL	146.5	0.0	27.5	174.0	140.7	0.0	0.0	19.1	0.0	159.8	333.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY RHODE ISLAND

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	4.0	4.0
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	3.6	3.6
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
GRAND TOTAL	0.0	0.0	0.0	0.0	28.6	0.0	0.0	0.0	0.2	28.8	28.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY VERMONT

	USDA				OTHER INSTITUTIONS						
	ARS	EES/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	2.1	2.1	0.7	0.0	1.2	0.0	0.0	1.9	4.0
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	0.5	0.0	0.1	0.0	0.0	0.6	0.6
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	2.5	2.5	1.0	0.0	0.1	0.0	0.0	1.1	3.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.9	0.9	0.3	0.0	0.2	0.0	0.0	0.5	1.5
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.7	0.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	2.6	2.6	0.0	0.0	0.6	0.0	0.0	0.6	3.2
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.6	0.6
RP 3.01: CORN	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 4.01: BEEF	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 7.02: TECHNOLOGY RCT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0
GRAND TOTAL	0.0	0.0	8.2	8.2	28.2	0.0	3.6	0.0	0.0	31.8	40.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY WEST VIRGINIA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	6.0	0.0	0.0	6.0	1.8	0.0	0.0	0.0	0.0	1.8	7.8
RP 1.02: WATER & WATERSHEDS	3.3	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	3.3
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	2.3	2.3	3.5	0.0	0.0	0.0	0.0	3.5	5.8
RP 2.03: FOREST PROTECTION	0.0	0.0	1.0	1.0	1.7	0.0	0.0	0.0	0.0	1.7	2.7
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	19.6	19.6	2.9	0.0	0.0	0.0	0.0	2.9	22.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	2.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.01: CORN	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	3.6	3.6
RP 3.13: FRUIT	13.9	0.0	0.0	13.9	6.2	0.0	0.0	0.0	0.0	6.2	20.1
RP 3.14: VEGETABLE CROPS	0.5	0.0	0.0	0.5	2.8	0.0	0.0	0.0	0.0	2.8	3.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.19: NONSPECIFIC PLANTS	3.3	0.0	0.0	3.3	0.1	0.0	0.0	0.0	0.0	0.1	3.4
RP 4.01: BEEF	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 4.05: SWINE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
GRAND TOTAL	28.1	0.0	25.1	53.2	47.1	0.0	0.0	0.0	0.0	47.1	100.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY ALABAMA

	USDA				OTHER INSTITUTIONS						
	ARS	EES/ ACS	FS	USDA TOTAL	SAES	ALABAM TUSKEG	ALABAM NORMAL	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	3.8	0.0	0.0	3.8	4.3	0.0	0.2	0.0	0.0	4.6	8.5
RP 1.02: WATER & WATERSHEDS	0.4	0.0	0.0	0.4	1.9	0.0	0.1	0.0	0.0	2.0	2.4
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	3.3	3.3
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.4	0.4
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	1.0	0.0	0.1	0.0	0.0	1.1	1.1
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	3.0	3.0	6.2	0.0	0.9	0.0	0.0	7.1	10.1
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	4.0	4.0	7.4	0.0	0.0	0.0	0.0	7.4	11.4
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.01: CORN	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.0	0.5	0.5
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	9.4	0.0	2.1	0.0	0.0	11.6	11.6
RP 3.07: PEANUTS	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	4.5	4.5
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	6.7	0.2	0.0	0.0	0.0	7.0	7.0
RP 3.10: COTTON	2.0	0.0	0.0	2.0	4.1	0.0	0.0	0.0	0.0	4.1	6.1
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	4.0	0.8	0.7	0.0	0.0	5.5	5.5
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	4.3	1.0	0.3	0.0	0.0	5.6	5.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	6.0	6.0
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.2
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.19: NONSPECIFIC PLANTS	3.0	0.0	0.0	3.0	0.1	0.0	0.0	0.0	0.0	0.2	3.2
RP 4.01: BEEF	1.9	0.0	0.0	1.9	11.4	0.1	0.2	4.3	0.0	16.1	18.0
RP 4.02: DAIRY	1.6	0.0	0.0	1.6	3.1	0.2	0.4	2.7	0.0	6.6	8.2
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	8.0	0.9	0.0	0.0	0.0	8.9	8.9
RP 4.04: SHEEP	0.2	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.2	0.4
RP 4.05: SWINE	0.4	0.0	0.0	0.4	7.2	0.4	0.0	0.8	0.0	8.4	8.8
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.2	0.2	0.6	1.0	0.0	2.2	2.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	4.8	4.8
RP 4.08: NONSPECIFIC ANIMALS	0.5	0.0	0.0	0.5	0.3	0.1	0.0	0.0	0.0	0.4	0.9
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY ALABAMA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	ALABAM TUSKEG	ALABAM NORMAL	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.8	0.1	0.4	0.0	0.0	1.4	1.4
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.8	0.0	1.1	0.0	0.0	1.9	1.9
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.7	0.9	1.4	0.0	0.0	4.1	4.1
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	1.2	0.0	0.0	1.2	3.2	0.0	0.6	0.0	0.0	3.8	5.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	5.4	5.4
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	0.2	1.1	0.0	0.0	0.0	1.3	1.3
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.8	0.7	1.2	0.0	0.0	4.7	4.7
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	3.4	0.2	0.5	0.0	0.0	4.2	4.2
GRAND TOTAL	15.3	0.0	7.0	22.3	126.6	7.6	12.6	9.0	0.0	155.8	178.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY ARKANSAS

		USDA				OTHER INSTITUTIONS						
		ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	0.0	0.0	0.0	0.0	3.5	0.4	0.0	0.0	0.0	4.0	4.0
RP 1.02:	WATER & WATERSHEDS	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.1
RP 1.04:	ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	5.0	5.0	5.2	0.0	0.0	0.0	0.0	5.2	10.2
RP 2.03:	FOREST PROTECTION	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	3.6	3.6
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.10:	TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.11:	FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.01:	CORN	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.02:	GRAIN SORGHUM	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.1	1.1
RP 3.03:	WHEAT	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.05:	RICE	1.8	0.0	0.0	1.8	6.4	0.0	0.0	0.0	0.0	6.4	8.2
RP 3.06:	SOYBEANS	0.2	0.0	0.0	0.2	12.5	0.6	0.0	0.0	0.0	13.2	13.4
RP 3.07:	PEANUTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.09:	FORAGE, RANGE, & PASTURE	0.9	0.0	0.0	0.9	1.5	0.0	0.0	0.0	0.0	1.5	2.4
RP 3.10:	COTTON	0.0	0.0	0.0	0.0	7.9	0.1	0.0	0.0	0.0	8.0	8.0
RP 3.12:	NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.4	0.7	0.0	0.0	0.0	1.1	1.1
RP 3.13:	FRUIT	2.5	0.0	0.0	2.5	4.8	0.0	0.0	0.0	0.0	4.8	7.3
RP 3.14:	VEGETABLE CROPS	0.0	0.0	0.0	0.0	6.6	0.9	0.0	0.0	0.0	7.5	7.5
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	1.5	0.3	0.0	0.0	0.0	1.8	1.8
RP 3.19:	NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 4.01:	BEEF	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	5.9	5.9
RP 4.02:	DAIRY	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	8.9	0.9	0.0	0.0	0.0	9.8	9.8
RP 4.04:	SHEEP	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	1.1	0.9	0.0	0.0	0.0	2.0	2.0
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	1.2	1.2
RP 4.08:	NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY ARKANSAS

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	1.0	1.5	0.0	0.0	0.0	2.5	2.5
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.8	0.4	0.0	0.0	0.0	1.2	1.2
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	2.4	1.1	0.0	0.0	0.0	3.5	3.5
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	2.6	0.2	0.0	0.0	0.0	2.8	2.8
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	2.0	0.5	0.0	0.0	0.0	2.5	2.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	4.1	0.2	0.0	0.0	0.0	4.4	4.4
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.1	0.1	0.0	0.0	0.0	2.2	2.2
GRAND TOTAL	5.4	0.0	5.0	10.4	108.8	10.4	0.0	0.0	0.0	119.2	129.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY FLORIDA

	USDA				OTHER INSTITUTIONS						
	ARS	FRS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.9	0.0	0.0	0.9	11.5	0.4	0.0	0.0	0.0	12.0	13.0
RP 1.02: WATER & WATERSHEDS	5.7	0.0	0.0	5.7	9.6	0.4	0.0	0.0	0.0	10.0	15.8
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	17.4	6.6	0.0	0.1	0.0	24.2	24.2
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 1.08: AQUATIC WEEDS	0.8	0.0	0.0	0.8	1.6	0.0	0.0	0.0	0.0	1.6	2.4
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	5.9	5.9	4.6	0.0	0.0	0.0	0.0	4.6	10.5
RP 2.03: FOREST PROTECTION	0.0	0.0	4.9	4.9	3.5	0.0	0.0	0.0	0.0	3.5	8.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.8	0.8	2.1	0.0	0.0	0.0	0.0	2.1	2.9
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.8	0.8	0.7	0.0	0.0	0.0	0.0	0.7	1.5
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.01: CORN	2.0	0.0	0.0	2.0	6.4	0.0	0.0	0.0	0.0	6.4	8.4
RP 3.02: GRAIN SORGHUM	0.8	0.0	0.0	0.8	0.9	0.0	0.0	0.0	0.0	0.9	1.8
RP 3.03: WHEAT	1.3	0.0	0.0	1.3	1.2	0.0	0.0	0.0	0.0	1.2	2.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.5	0.0	0.0	0.5	0.8	0.0	0.0	0.0	0.0	0.8	1.3
RP 3.05: RICE	0.4	0.0	0.0	0.4	0.7	0.0	0.0	0.0	0.0	0.7	1.1
RP 3.06: SOYBEANS	2.6	0.0	0.0	2.6	9.7	0.0	0.0	0.0	0.0	9.7	12.3
RP 3.07: PEANUTS	0.8	0.0	0.0	0.8	5.8	1.0	0.0	0.0	0.0	6.8	7.7
RP 3.08: SUGAR	7.0	0.0	0.0	7.0	3.3	0.0	0.0	0.0	0.3	3.6	10.6
RP 3.09: FORAGE, RANGE, & PASTURE	2.9	0.0	0.0	2.9	25.1	0.0	0.0	0.0	0.0	25.1	28.0
RP 3.10: COTTON	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.11: TOBACCO	0.2	0.0	0.0	0.2	1.6	0.0	0.0	0.0	0.0	1.6	1.8
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.2	0.0	0.0	0.2	1.9	0.0	0.0	0.0	0.0	1.9	2.1
RP 3.13: FRUIT	35.1	0.0	0.0	35.1	52.1	0.0	0.0	0.0	0.8	52.9	88.0
RP 3.14: VEGETABLE CROPS	3.5	0.0	0.0	3.5	45.3	0.0	0.0	0.0	0.0	45.3	48.8
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.8	0.0	0.0	0.8	31.3	0.0	0.0	0.0	0.0	31.3	32.1
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.19: NONSPECIFIC PLANTS	0.2	0.0	0.0	0.2	11.7	0.0	0.0	0.0	0.0	11.7	11.9
RP 4.01: BEEF	1.5	0.0	0.0	1.5	18.2	1.0	0.0	1.4	0.0	20.7	22.2
RP 4.02: DAIRY	0.8	0.0	0.0	0.8	11.3	0.0	0.0	0.8	0.0	12.2	13.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY FLORIDA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.03: POULTRY	0.2	0.0	0.0	0.2	6.6	0.0	0.0	0.0	0.0	6.6	6.8
RP 4.04: SHEEP	0.2	0.0	0.0	0.2	2.0	0.0	0.0	0.7	0.0	2.7	2.9
RP 4.05: SWINE	0.0	0.0	0.0	0.0	6.9	0.0	0.0	0.6	0.0	7.5	7.5
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	8.3	0.0	0.0	4.6	0.0	12.9	12.9
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	1.3	1.3
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.8	0.0	2.6	2.6
RP 4.09: INVERTEBRATES	21.4	0.0	0.0	21.4	3.2	0.0	0.0	0.0	0.0	3.2	24.6
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	5.9	0.3	0.0	0.3	0.0	6.5	6.5
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	18.6	0.0	0.0	18.6	0.2	0.0	0.0	0.0	0.0	0.2	18.8
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.0	8.7	8.7
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	2.3	0.0	0.0	2.3	0.4	0.0	0.0	0.0	0.0	0.4	2.7
RP 6.03: MARKETING & COMPETITION	2.8	0.0	0.0	2.8	9.8	0.0	0.0	0.0	0.0	9.8	12.6
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC CCNR RESOURCES OR RPGS	0.0	0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.2	8.9	9.0
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	5.9	3.0	0.0	0.0	0.0	8.9	8.9
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 8.03: FOOD SAFETY	1.3	0.0	0.0	1.3	4.4	0.0	0.0	0.0	0.0	4.4	5.8
GRAND TOTAL	115.6	0.0	12.4	128.0	370.7	14.1	0.0	9.5	1.3	395.6	523.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY GEORGIA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	6.7	0.0	0.0	6.7	4.3	0.2	0.0	0.0	0.0	4.6	11.4
RP 1.02: WATER & WATERSHEDS	5.8	0.0	0.0	5.8	1.2	0.1	0.0	0.0	0.0	1.3	7.1
RP 1.04: ENVIRONMENTAL QUALITY	4.7	0.0	0.0	4.7	1.2	0.6	0.0	0.1	0.0	1.9	6.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.2
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.4	0.0	0.6	0.6
RP 2.02: TIMBER MANAGEMENT	0.2	0.0	11.2	11.4	5.0	0.0	0.0	0.0	0.0	5.0	16.5
RP 2.03: FOREST PROTECTION	0.0	0.0	14.8	14.8	0.4	0.0	0.0	0.0	0.0	0.4	15.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	7.3	7.3	5.5	0.0	0.0	0.0	0.0	5.5	12.8
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	3.6	3.6	0.5	0.0	0.0	0.0	0.0	0.5	4.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
RP 3.01: CORN	9.1	0.0	0.0	9.1	6.7	0.0	0.0	0.0	0.0	6.7	15.9
RP 3.02: GRAIN SORGHUM	2.2	0.0	0.0	2.2	3.8	0.0	0.0	0.0	0.0	3.8	6.1
RP 3.03: WHEAT	1.0	0.0	0.0	1.0	3.5	0.0	0.0	0.0	0.0	3.5	4.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.5	0.0	0.0	0.5	2.0	0.0	0.0	0.0	0.0	2.0	2.6
RP 3.05: RICE	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
RP 3.06: SOYBEANS	2.4	0.0	0.0	2.4	8.0	1.5	0.0	0.0	0.0	9.5	12.0
RP 3.07: PEANUTS	11.4	0.0	0.0	11.4	6.9	0.0	0.0	0.0	0.0	6.9	18.4
RP 3.08: SUGAR	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 3.09: FORAGE, RANGE, & PASTURE	15.4	0.0	0.0	15.4	7.4	0.0	0.0	0.0	0.0	7.4	22.8
RP 3.10: COTTON	1.6	0.0	0.0	1.6	2.4	0.0	0.0	0.0	0.0	2.4	4.1
RP 3.11: TOBACCO	3.2	0.0	0.0	3.2	2.4	0.0	0.0	0.0	0.0	2.4	5.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	3.4	0.0	0.0	3.4	0.2	0.0	0.0	0.0	0.0	0.2	3.7
RP 3.13: FRUIT	18.1	0.0	0.0	18.1	14.9	1.4	0.0	0.0	0.0	16.3	34.5
RP 3.14: VEGETABLE CROPS	10.1	0.0	0.0	10.1	19.7	2.5	0.0	0.0	0.0	22.3	32.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	1.6	0.0	0.0	1.6	6.7	0.0	0.0	0.0	0.0	6.7	8.3
RP 3.16: BEES & OTHER POLLINATING INSECTS	1.0	0.0	0.0	1.0	0.6	0.0	0.0	0.0	0.0	0.6	1.6
RP 3.19: NONSPECIFIC PLANTS	20.9	0.0	0.0	20.9	8.4	0.1	0.0	0.0	0.0	8.5	29.4
RP 4.01: BEEF	1.9	0.0	0.0	1.9	8.9	1.8	0.0	2.5	0.0	13.3	15.3
RP 4.02: DAIRY	0.4	0.0	0.0	0.4	6.6	0.0	0.0	0.7	0.0	7.3	7.8
RP 4.03: POULTRY	14.0	0.0	0.0	14.0	11.3	0.9	0.0	8.6	0.0	20.8	34.8
RP 4.04: SHEEP	1.7	0.0	0.0	1.7	0.2	0.4	0.0	1.6	0.0	2.2	4.0
RP 4.05: SWINE	4.8	0.0	0.0	4.8	4.7	0.0	0.0	4.4	0.0	9.1	14.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.2	0.0	0.0	0.2	0.0	0.0	0.0	2.9	0.0	2.9	3.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	3.6	0.0	3.9	3.9
RP 4.08: NONSPECIFIC ANIMALS	0.9	0.0	0.0	0.9	0.1	0.0	0.0	1.2	0.0	1.3	2.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY GEORGIA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.09: INVERTEBRATES	1.0	0.0	0.0	1.0	1.4	0.0	0.0	0.0	0.0	1.4	2.4
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.4	0.6	0.0	0.0	0.0	1.0	1.0
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	0.9	0.5	0.0	0.0	0.0	1.4	1.4
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.4	0.0	0.0	0.4	5.2	0.3	0.0	0.0	0.0	5.5	6.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.2	0.3
RP 6.03: MARKETING & COMPETITION	0.9	0.0	0.0	0.9	8.1	1.2	0.0	0.0	0.0	9.3	10.2
RP 7.01: MANMADE RESOURCES	0.8	0.0	0.0	0.8	0.6	0.0	0.0	0.0	0.0	0.6	1.4
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	2.0	2.0
RP 8.01: HUMAN NUTRITION	1.9	0.0	0.0	1.9	3.9	0.0	0.0	0.0	0.0	3.9	5.9
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 8.03: FOOD SAFETY	18.5	0.0	0.0	18.5	3.4	0.0	0.0	0.8	0.0	4.2	22.8
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 8.05: FOOD SERVICE	0.2	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3
GRAND TOTAL	169.3	0.0	38.9	208.2	175.8	13.6	0.0	27.1	0.0	216.5	424.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY KENTUCKY

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.0	5.7	5.7
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	1.1	1.2	0.0	0.0	0.0	2.3	2.3
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	10.1	10.1	4.3	0.0	0.0	0.0	0.0	4.3	14.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.01: CORN	0.0	0.0	0.0	0.0	5.0	0.2	0.0	0.0	0.0	5.2	5.2
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	0.7	0.6	0.0	0.0	0.0	1.3	1.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	1.0	0.6	0.0	0.0	0.0	1.6	1.6
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	7.0	7.0
RP 3.07: PEANUTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PP 3.09: FORAGE, RANGE, & PASTURE	3.8	0.0	0.0	3.8	7.7	0.0	0.0	0.0	0.0	7.7	11.5
PP 3.11: TOBACCO	8.0	0.0	0.0	8.0	7.2	0.0	0.0	0.0	0.0	7.2	15.2
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	6.4	6.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.2	0.0	0.0	0.2	2.4	0.0	0.0	0.0	0.0	2.4	2.6
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	6.3	6.3
RP 4.01: BEEF	0.0	0.0	0.0	0.0	9.2	0.0	0.0	0.0	0.0	9.2	9.2
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	4.4	4.4
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 4.05: SWINE	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	2.8	2.8
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	12.1	0.0	0.0	0.0	0.0	12.1	12.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	1.3	1.3
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	2.0	1.4	0.0	0.0	0.0	3.5	3.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY KENTUCKY

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	4.9	6.9	0.0	0.0	0.0	11.9	11.9
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	4.1	4.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	5.5	5.5
RP 7.02: TECHNOLOGY RCT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.9	7.8	0.0	0.0	0.0	9.7	9.7
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
GRAND TOTAL	12.0	0.0	10.1	22.1	121.4	20.1	0.0	0.0	0.0	141.5	163.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY LOUISIANA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.9	0.0	0.0	0.9	7.0	0.0	0.0	0.0	0.0	7.0	8.0
RP 1.02: WATER & WATERSHEDS	0.6	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.5	1.1
RP 1.04: ENVIRONMENTAL QUALITY	6.8	0.0	0.0	6.8	4.2	0.0	0.0	0.0	0.0	4.2	11.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	10.0	10.0	3.9	0.0	1.0	0.0	0.0	4.9	14.9
RP 2.03: FOREST PROTECTION	0.0	0.0	5.0	5.0	1.4	0.0	0.6	0.0	0.0	2.0	7.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	9.0	9.0	4.0	0.0	0.6	0.0	0.0	4.6	13.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.0	0.4	0.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	3.0	3.0	0.3	0.0	0.1	0.0	0.0	0.5	3.5
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.9	0.0	0.4	0.0	0.0	1.4	1.4
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1
RP 3.01: CORN	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.6
RP 3.02: GRAIN SORGHUM	2.2	0.0	0.0	2.2	2.1	0.0	0.0	0.0	0.0	2.1	4.3
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.05: RICE	4.5	0.0	0.0	4.5	14.6	0.0	0.0	0.0	0.0	14.6	19.1
RP 3.06: SOYBEANS	1.4	0.0	0.0	1.4	15.8	0.0	0.0	0.0	0.0	15.8	17.3
RP 3.07: PEANUTS	9.9	0.0	0.0	9.9	0.0	0.0	0.0	0.0	0.0	0.0	9.9
RP 3.08: SUGAR	12.8	0.0	0.0	12.8	10.3	0.0	0.0	0.0	0.0	10.3	23.2
RP 3.09: FORAGE, RANGE, & PASTURE	0.8	0.0	0.0	0.8	14.1	0.0	0.0	0.0	0.0	14.1	14.9
RP 3.10: COTTON	66.8	0.0	0.0	66.8	11.4	0.0	0.0	0.0	0.0	11.4	78.3
RP 3.11: TOBACCO	5.4	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	5.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	8.5	0.0	0.0	0.0	0.0	8.5	8.5
RP 3.14: VEGETABLE CROPS	0.8	0.0	0.0	0.8	18.2	1.3	0.0	0.0	0.0	19.5	20.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	0.0	7.4	7.4
RP 3.16: BEES & OTHER POLLINATING INSECTS	5.8	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	5.8
RP 3.17: WEEDS IN CROPS	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.19: NONSPECIFIC PLANTS	7.4	0.0	0.0	7.4	1.5	0.0	0.0	0.0	0.0	1.5	9.0
RP 4.01: BEEF	1.1	0.0	0.0	1.1	19.7	0.6	0.0	0.0	0.0	20.3	21.4
RP 4.02: DAIRY	0.1	0.0	0.0	0.1	12.1	0.7	0.0	0.0	0.0	12.8	13.0
RP 4.03: POULTRY	2.1	0.0	0.0	2.1	5.7	0.0	0.0	0.0	0.0	5.7	7.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY LOUISIANA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FORSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.04: SHEEP	1.4	0.0	0.0	1.4	0.7	0.0	0.0	0.0	0.0	0.7	2.2
RP 4.05: SWINE	0.0	0.0	0.0	0.0	1.6	1.2	0.0	0.0	0.0	2.8	2.8
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.0	8.7	8.7
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	2.9	0.8	0.0	0.0	0.0	3.7	3.7
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	2.4	0.0	0.0	2.4	5.9	2.7	0.0	0.0	0.0	8.6	11.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	1.5	0.0	0.0	1.5	0.7	0.0	0.0	0.0	0.0	0.7	2.2
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	3.8	0.1	0.2	0.0	0.0	4.1	4.1
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	5.8	5.8
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.4	1.2	0.0	0.0	0.0	1.6	1.6
RP 8.02: FOOD PROCESSING	0.9	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9
RP 8.03: FOOD SAFETY	10.9	0.0	0.0	10.9	0.5	0.0	0.0	0.0	0.0	0.5	11.4
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
GRAND TOTAL	147.6	0.0	27.0	174.6	214.5	8.6	3.4	0.0	0.0	226.5	401.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY MISSISSIPPI

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	4.3	0.0	0.0	4.3	4.3	0.1	0.0	0.0	0.0	4.5	8.8
RP 1.02: WATER & WATERSHEDS	14.3	0.0	0.0	14.3	1.1	0.0	0.0	0.0	0.0	1.1	15.4
RP 1.04: ENVIRONMENTAL QUALITY	1.3	0.0	0.0	1.3	2.4	0.1	0.0	0.0	0.0	2.5	3.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 1.06: FISH & WILDLIFE	0.4	0.0	0.0	0.4	1.4	0.0	0.0	0.0	0.0	1.4	1.8
RP 1.07: REMOTE SENSING	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	6.0	6.0	1.2	0.0	0.0	0.0	0.0	1.2	7.2
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	14.2	14.2	5.2	0.0	0.0	0.0	0.0	5.2	19.4
RP 2.03: FOREST PROTECTION	0.0	0.0	11.5	11.5	2.8	0.0	0.0	0.0	0.0	2.8	14.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	15.0	15.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	4.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	4.8
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 2.09: TECHNICAL ASSISTANCE	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.01: CORN	6.6	0.0	0.0	6.6	2.0	0.0	0.0	0.0	0.0	2.0	8.7
RP 3.02: GRAIN SORGHUM	0.4	0.0	0.0	0.4	2.2	0.0	0.0	0.0	0.0	2.2	2.7
RP 3.03: WHEAT	0.5	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.4	0.9
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.05: RICE	0.4	0.0	0.0	0.4	4.3	0.0	0.0	0.0	0.0	4.3	4.7
RP 3.06: SOYBEANS	15.1	0.0	0.0	15.1	14.8	0.1	0.0	0.0	0.0	15.0	30.2
RP 3.07: PEANUTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.08: SUGAR	2.6	0.0	0.0	2.6	0.2	0.2	0.0	0.0	0.0	0.5	3.1
RP 3.09: FORAGE, RANGE, & PASTURE	4.3	0.0	0.0	4.3	11.1	0.2	0.0	0.0	0.0	11.3	15.7
RP 3.10: COTTON	39.7	0.0	0.0	39.7	18.3	0.0	0.0	0.0	0.0	18.3	58.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.2	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.2	0.4
RP 3.13: FRUIT	2.0	0.0	0.0	2.0	6.4	0.0	0.0	0.0	0.0	6.4	8.4
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	4.1	0.5	0.0	0.0	0.0	4.7	4.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	4.8	4.8
RP 3.17: WEEDS IN CROPS	4.2	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	4.2
RP 3.18: SEEDS	0.8	0.0	0.0	0.8	0.8	0.0	0.0	0.0	0.0	0.8	1.7
RP 3.19: NONSPECIFIC PLANTS	0.2	0.0	0.0	0.2	0.7	0.0	0.0	0.0	0.0	0.7	1.0
RP 4.01: BEEF	0.8	0.0	0.0	0.8	9.0	0.4	0.0	0.0	0.0	9.5	10.3
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	0.0	7.9	7.9
RP 4.03: POULTRY	3.4	0.0	0.0	3.4	5.9	0.1	0.0	0.0	0.0	6.0	9.4
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY MISSISSIPPI

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.05: SWINE	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	7.1	0.3	0.0	0.0	0.0	7.5	7.5
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 4.09: INVERTEBRATES	0.3	0.0	0.0	0.3	0.8	0.0	0.0	0.0	0.0	0.8	1.1
PP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	2.6	0.1	0.0	0.0	0.0	2.7	2.7
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	3.5	3.5	0.2	0.0	0.0	0.0	0.0	0.2	3.7
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	0.8	0.7	0.0	0.0	0.0	1.5	1.5
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.7	0.0	0.0	0.7	1.1	0.0	0.0	0.0	0.0	1.1	1.8
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	2.3	0.5	0.0	0.0	0.0	2.8	2.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	7.2	0.1	0.0	0.0	0.0	7.3	7.3
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.7	0.5	0.0	0.0	0.0	3.2	3.2
RP 8.03: FOOD SAFETY	1.2	0.0	0.0	1.2	0.3	0.0	0.0	0.0	0.0	0.3	1.5
GRAND TOTAL	105.3	0.0	40.0	145.3	166.3	4.3	0.0	0.0	0.0	170.6	315.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY NORTH CAROLINA

	USDA				OTHER INSTITUTIONS						
	AES	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	6.8	3.4	0.0	0.0	0.0	10.2	10.2
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 1.04: ENVIRONMENTAL QUALITY	5.0	0.0	0.0	5.0	6.7	1.1	0.0	0.0	0.0	7.8	12.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	8.0	8.0	0.2	0.0	0.0	0.0	0.0	0.2	8.2
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	9.6	9.6	7.9	0.0	0.0	0.0	0.0	7.9	17.5
RP 2.03: FOREST PROTECTION	0.0	0.0	3.3	3.3	2.9	0.0	0.0	0.0	0.0	2.9	6.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	4.2	4.2	7.5	0.0	0.0	0.0	0.0	7.5	11.7
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	3.2	3.2	1.3	0.0	0.0	0.0	0.0	1.3	4.5
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.8	0.8	0.3	0.0	0.0	0.0	0.0	0.3	1.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.01: CORN	2.2	0.0	0.0	2.2	9.7	0.0	0.0	0.0	0.0	9.7	11.9
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.06: SOYBEANS	4.8	0.0	0.0	4.8	10.2	0.2	0.0	0.0	0.0	10.4	15.3
RP 3.07: PEANUTS	1.9	0.0	0.0	1.9	6.3	0.0	0.0	0.0	0.0	6.3	8.2
RP 3.09: FORAGE, RANGE, & PASTURE	1.5	0.0	0.0	1.5	3.0	0.4	0.0	0.0	0.0	3.4	4.9
RP 3.10: COTTON	2.3	0.0	0.0	2.3	3.0	0.0	0.0	0.0	0.0	3.0	5.3
RP 3.11: TOBACCO	9.4	0.0	0.0	9.4	19.8	1.0	0.0	0.0	0.0	20.8	30.3
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	1.0
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	13.5	0.0	0.0	0.0	0.0	13.5	13.5
RP 3.14: VEGETABLE CROPS	5.1	0.0	0.0	5.1	17.5	0.0	0.0	0.0	0.1	17.6	22.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	0.0	7.4	7.4
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.17: WEEDS IN CROPS	1.1	0.0	0.0	1.1	1.3	0.0	0.0	0.0	0.0	1.3	2.4
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.19: NONSPECIFIC PLANTS	2.2	0.0	0.0	2.2	5.0	0.4	0.0	0.0	1.3	6.7	8.9
RP 4.01: BEEF	0.3	0.0	0.0	0.3	8.0	0.7	0.0	0.0	0.0	8.7	9.0
RP 4.02: DAIRY	0.2	0.0	0.0	0.2	11.2	0.4	0.0	0.0	0.0	11.6	11.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY NORTH CAROLINA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	14.6	0.0	0.0	0.0	0.0	14.6	14.6
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.7	1.1	0.0	0.0	0.0	1.8	1.8
RP 4.05: SWINE	0.0	0.0	0.0	0.0	7.4	0.8	0.0	0.0	0.0	8.2	8.2
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	4.7	4.7
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	5.1	5.1
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	3.9	1.6	0.0	0.0	0.0	5.5	5.5
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.4	2.0	0.0	0.0	0.0	2.4	2.4
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	3.7	2.9	0.0	0.0	0.0	6.6	6.6
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	2.3	0.1	0.0	0.0	0.0	2.4	2.4
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	9.6	0.0	0.0	0.0	0.0	9.6	9.6
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	3.4	0.0	0.0	3.4	8.9	0.0	0.0	0.0	0.0	8.9	12.3
RP 8.01: HUMAN NUTRITION	0.2	0.0	0.0	0.2	3.1	0.1	0.0	0.0	0.0	3.2	3.5
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 8.03: FOOD SAFETY	1.7	0.0	0.0	1.7	3.7	0.0	0.0	0.0	0.0	3.7	5.4
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GRAND TOTAL	41.7	0.0	29.9	71.6	238.5	16.2	0.0	0.0	1.4	256.1	327.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY OKLAHOMA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	1.5	0.0	0.0	1.5	4.9	0.0	0.0	0.0	0.0	4.9	6.5
RP 1.02: WATER & WATERSHEDS	11.0	0.0	0.0	11.0	3.2	0.0	0.0	0.0	0.0	3.2	14.2
RP 1.04: ENVIRONMENTAL QUALITY	8.1	0.0	0.0	8.1	2.3	0.9	0.0	0.0	0.0	3.2	11.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 1.07: REMOTE SENSING	0.8	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.4	3.4
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.01: CORN	0.2	0.0	0.0	0.2	0.9	0.0	0.0	0.0	0.0	0.9	1.1
RP 3.02: GRAIN SORGHUM	1.1	0.0	0.0	1.1	3.8	0.0	0.0	0.0	0.0	3.8	4.9
RP 3.03: WHEAT	6.0	0.0	0.0	6.0	12.2	0.0	0.0	0.0	0.0	12.2	18.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.3	0.0	0.0	0.3	1.0	0.0	0.0	0.0	0.0	1.0	1.3
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	1.2	1.0	0.0	0.0	0.0	2.2	2.2
RP 3.07: PEANUTS	2.9	0.0	0.0	2.9	3.6	1.0	0.0	0.0	0.0	4.6	7.5
RP 3.09: FORAGE, RANGE, & PASTURE	7.1	0.0	0.0	7.1	9.7	0.0	0.0	0.0	0.0	9.7	16.9
RP 3.10: COTTON	0.0	0.0	0.0	0.0	6.2	1.0	0.0	0.0	0.0	7.2	7.2
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.1
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	3.0	1.0	0.0	0.0	0.0	4.0	4.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	4.1	0.1	0.0	0.0	0.0	4.2	4.3
RP 4.01: BEEF	10.2	0.0	0.0	10.2	12.5	0.0	0.0	0.0	0.0	12.5	22.7
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	3.3	3.3
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 4.05: SWINE	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY OKLAHOMA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	8.9	0.0	0.0	0.0	0.0	8.9	8.9
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RP 8.01: HUMAN NUTRITION	0.1	0.0	0.0	0.1	1.8	0.5	0.0	0.0	0.0	2.3	2.4
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
GRAND TOTAL	50.2	0.0	0.0	50.2	115.0	5.5	0.0	0.0	0.0	120.5	170.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983

REGION 2

RESEARCH PROGRAM SUMMARY

PUERTO RICO

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	4.0	0.0	0.0	4.0	0.4	0.0	0.0	0.0	0.0	0.4	4.4
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	4.0	4.0	0.4	0.0	0.0	0.0	0.0	0.4	4.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.01: CORN	0.4	0.0	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.3	0.7
RP 3.02: GRAIN SORGHUM	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
RP 3.05: RICE	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.08: SUGAR	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	11.0	11.0
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	6.6	6.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.2	0.0	0.0	0.2	5.1	0.0	0.0	0.0	0.0	5.1	5.4
RP 3.13: FRUIT	0.6	0.0	0.0	0.6	6.3	0.0	0.0	0.0	0.0	6.3	6.9
RP 3.14: VEGETABLE CROPS	1.5	0.0	0.0	1.5	15.2	0.0	0.0	0.0	0.0	15.2	16.8
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.01: BEEF	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	4.0	4.0
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
GRAND TOTAL	7.1	0.0	4.0	11.1	67.7	0.0	0.0	0.0	0.0	67.7	78.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY SOUTH CAROLINA

	USDA				OTHER INSTITUTIONS						
	ARS	EBS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	2.8	0.0	0.0	2.8	3.4	0.0	0.0	0.0	0.0	3.4	6.3
RP 1.02: WATER & WATERSHEDS	3.4	0.0	0.0	3.4	1.7	0.0	0.0	0.0	0.0	1.7	5.2
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	0.7	0.9	0.0	0.0	0.0	1.6	1.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.3	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.2	0.6
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.8	0.0	0.7	0.0	0.0	1.5	1.5
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.4	0.4
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	5.9	5.9	0.0	0.0	7.8	0.0	0.0	7.8	13.7
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	2.1	2.1
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	2.0	2.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.2	0.0	1.9	0.0	0.0	2.1	2.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	3.0	3.0	0.0	0.0	0.5	0.0	0.0	0.5	3.5
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	1.0
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.3	0.3
RP 3.01: CORN	0.0	0.0	0.0	0.0	3.4	0.1	0.0	0.0	0.0	3.5	3.6
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.06: SOYBEANS	0.9	0.0	0.0	0.9	12.3	0.7	0.0	0.0	0.0	13.0	14.0
RP 3.07: PEANUTS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.1
RP 3.10: COTTON	10.5	0.0	0.0	10.5	1.9	0.0	0.0	0.0	0.0	1.9	12.4
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	4.6	4.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	12.5	0.0	0.0	0.0	0.0	12.5	12.5
RP 3.14: VEGETABLE CROPS	14.1	0.0	0.0	14.1	10.2	0.0	0.0	0.0	0.0	10.3	24.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	4.5	0.0	0.2	0.0	0.0	4.7	4.7
RP 3.19: NONSPECIFIC PLANTS	0.3	0.0	0.0	0.3	1.3	0.0	0.0	0.0	0.0	1.3	1.6
RP 4.01: BEEF	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.1
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	4.6	4.6
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.05: SWINE	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY SOUTH CAROLINA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	2.4	2.4
RP 5.02: LIVING ENVIRONMENT	3.8	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	3.8
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.4	0.0	0.0	0.4	2.1	2.2	0.0	0.0	0.0	4.3	4.7
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	3.5	0.5	0.0	0.0	0.0	4.0	4.0
RP 6.03: MARKETING & COMPETITION	0.1	0.0	0.0	0.1	3.1	0.0	0.0	0.0	0.0	3.1	3.2
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC CCHN RESOURCES OR RPGS	0.0	0.0	0.0	0.0	3.3	0.4	0.0	0.0	0.0	3.7	3.7
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	1.5	0.6	0.0	0.0	0.0	2.1	2.1
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GRAND TOTAL	37.1	0.0	8.9	46.0	96.3	7.9	17.3	0.0	0.0	121.5	167.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY TENNESSEE

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	5.3	5.3
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 1.04: ENVIRONMENTAL QUALITY	0.3	0.0	0.0	0.3	1.4	0.0	0.0	0.0	0.0	1.4	1.7
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	2.0	2.0	3.6	0.0	0.0	0.0	0.0	3.6	5.6
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.01: CORN	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.7
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.06: SOYBEANS	1.0	0.0	0.0	1.0	6.4	2.3	0.0	0.0	0.0	8.7	9.7
RP 3.09: FORAGE, RANGE, & PASTURE	0.2	0.0	0.0	0.2	6.0	1.9	0.0	0.0	0.0	7.9	8.1
RP 3.10: COTTON	1.0	0.0	0.0	1.0	4.9	0.0	0.0	0.0	0.0	4.9	5.9
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	4.3	1.3	0.0	0.0	0.0	5.6	5.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	4.2	4.2
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.19: NONSPECIFIC PLANTS	0.3	0.0	0.0	0.3	0.4	0.0	0.0	0.0	0.1	0.5	0.8
RP 4.01: BEEF	1.0	0.0	0.0	1.0	8.7	0.8	0.0	0.0	0.0	9.5	10.5
RP 4.02: DAIRY	2.2	0.0	0.0	2.2	3.2	0.0	0.0	0.0	0.0	3.2	5.5
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	1.5	0.8	0.0	0.0	0.0	2.3	2.3
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 4.05: SWINE	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	4.9	4.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 4.08: NONSPECIFIC ANIMALS	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.1	0.0	0.3	0.4
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 5.02: LIVING ENVIRONMENT	2.1	0.0	0.0	2.1	1.4	0.0	0.0	0.0	0.0	1.4	3.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY TENNESSEE

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.6	4.0	0.0	0.0	0.0	5.6	5.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	2.6	2.3	0.0	0.0	0.0	4.9	4.9
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	4.6	4.6
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.1	1.1	1.1
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.1	0.7	0.0	0.0	0.0	3.8	3.8
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
GRAND TOTAL	8.4	0.0	2.0	10.4	95.8	14.1	0.0	0.2	0.2	110.3	120.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY TEXAS

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	5.3	0.0	0.0	5.3	12.3	0.1	0.0	0.0	0.0	12.5	17.8
RP 1.02: WATER & WATERSHEDS	14.0	0.0	0.0	14.0	12.3	0.0	0.4	0.0	0.0	12.7	26.7
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	2.9	2.9
RP 1.04: ENVIRONMENTAL QUALITY	0.7	0.0	0.0	0.7	7.5	0.7	0.0	0.5	0.0	8.8	9.5
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.1	0.0	0.0	0.1	1.9	0.0	0.0	0.0	0.0	1.9	2.0
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	8.6	0.0	0.1	0.0	0.0	8.7	8.7
RP 1.07: REMOTE SENSING	7.5	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	7.5
RP 1.08: AQUATIC WEEDS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	1.7	0.0	1.0	0.0	0.0	2.7	2.7
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	3.2	0.0	0.2	0.0	0.0	3.4	3.4
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	1.4	0.0	0.6	0.0	0.0	2.0	2.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	2.8	0.0	1.5	0.0	0.0	4.3	4.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.3	0.0	0.4	0.0	0.0	0.7	0.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	5.0	5.0	0.7	0.0	0.3	0.0	0.0	1.0	6.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	1.6	0.0	0.9	0.0	0.0	2.6	2.6
RP 2.09: TECHNICAL ASSISTANCE	0.4	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.2	0.6
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.01: CORN	2.0	0.0	0.0	2.0	4.8	0.0	0.0	0.0	0.0	4.8	6.9
RP 3.02: GRAIN SORGHUM	3.0	0.0	0.0	3.0	15.2	0.0	0.0	0.0	0.0	15.2	18.2
RP 3.03: WHEAT	0.7	0.0	0.0	0.7	8.7	0.0	0.0	0.0	0.0	8.7	9.4
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.1	0.0	0.0	0.1	1.7	0.0	0.0	0.0	0.0	1.7	1.8
RP 3.05: RICE	6.0	0.0	0.0	6.0	6.9	0.0	0.0	0.0	0.0	6.9	12.9
RP 3.06: SOYBEANS	0.5	0.0	0.0	0.5	7.4	0.2	0.0	0.0	0.0	7.6	8.1
RP 3.07: PEANUTS	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	9.0	9.0
RP 3.08: SUGAR	1.7	0.0	0.0	1.7	4.8	0.0	0.0	0.0	0.0	4.8	6.5
RP 3.09: FORAGE, RANGE, & PASTURE	11.4	0.0	0.0	11.4	35.2	1.7	0.0	0.0	0.5	37.4	48.8
RP 3.10: COTTON	25.4	0.0	0.0	25.4	30.7	0.0	0.0	0.0	0.0	30.7	56.2
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	4.2	0.0	0.0	4.2	2.7	0.0	0.0	0.0	0.0	2.7	6.9
RP 3.13: FRUIT	9.7	0.0	0.0	9.7	13.6	0.0	0.0	0.0	0.0	13.6	23.3
RP 3.14: VEGETABLE CROPS	4.2	0.0	0.0	4.2	16.0	0.0	0.0	0.0	0.0	16.0	20.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.2	0.0	0.0	0.2	15.4	0.0	0.0	0.0	0.0	15.4	15.6
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.19: NONSPECIFIC PLANTS	10.2	0.0	0.0	10.2	7.4	0.0	0.0	0.0	0.0	7.4	17.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY TEXAS

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.01: BEEF	33.0	0.0	0.0	33.0	34.0	0.0	0.0	0.2	0.0	34.3	67.3
RP 4.02: DAIRY	1.2	0.0	0.0	1.2	6.9	0.0	0.0	0.7	0.0	7.6	8.8
RP 4.03: POULTRY	0.8	0.0	0.0	0.8	11.0	0.0	0.0	0.0	0.0	11.1	11.9
RP 4.04: SHEEP	0.8	0.0	0.0	0.8	7.5	0.0	0.0	0.0	0.0	7.6	8.4
RP 4.05: SWINE	0.3	0.0	0.0	0.3	2.2	1.7	0.0	1.0	0.0	4.9	5.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	7.9	5.1	0.0	2.5	0.0	15.6	15.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	8.3	0.0	0.0	0.3	0.0	8.6	8.6
RP 4.08: NONSPECIFIC ANIMALS	10.1	0.0	0.0	10.1	1.2	0.0	0.0	3.0	0.0	4.2	14.3
RP 4.09: INVERTEBRATES	0.4	0.0	0.0	0.4	1.4	0.0	0.0	0.0	0.0	1.4	1.8
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	2.2	2.9	0.0	0.0	0.0	5.1	5.1
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	1.6	0.0	0.0	1.6	3.9	0.0	0.0	0.0	0.0	3.9	5.5
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	7.2	0.0	0.0	0.0	0.0	7.2	7.2
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 6.03: MARKETING & COMPETITION	4.4	0.0	0.0	4.4	7.7	0.0	0.0	0.0	0.0	7.7	12.2
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	1.4	0.0	0.0	1.4	7.3	0.0	0.0	0.0	0.0	7.3	8.7
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.2	3.9	3.9
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 8.03: FOOD SAFETY	0.7	0.0	0.0	0.7	3.0	0.5	0.0	0.2	0.0	3.7	4.5
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 9.01: UNCLASSIFIED	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
GRAND TOTAL	164.0	0.0	5.0	169.0	362.1	13.1	5.6	8.6	0.7	390.1	559.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY VIRGIN ISLANDS

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 4.01: BEEF	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.09: INVERTEBRATES	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GRAND TOTAL	1.0	0.0	0.0	1.0	6.0	0.0	0.0	0.0	0.0	6.0	7.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY VIRGINIA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	6.2	6.2
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	5.1	1.2	0.0	0.0	0.0	6.3	6.3
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	4.7	4.7
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	5.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.01: CORN	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	4.7	1.0	0.0	0.0	0.0	5.7	5.7
RP 3.07: PEANUTS	4.3	0.0	0.0	4.3	3.2	0.0	0.0	0.0	0.0	3.2	7.5
RP 3.08: SUGAR	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	5.5	0.6	0.0	0.0	0.0	6.1	6.1
RP 3.10: COTTON	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.11: TOBACCO	2.0	0.0	0.0	2.0	5.3	0.0	0.0	0.0	0.0	5.3	7.3
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	5.6	5.6
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	2.4	2.2	0.0	0.0	0.0	4.6	4.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	5.3	5.3
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RP 4.01: BEEF	0.0	0.0	0.0	0.0	10.3	0.0	0.0	0.0	0.0	10.3	10.3
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	8.3	0.0	0.0	0.0	0.0	8.3	8.3
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	8.5	1.3	0.0	0.0	0.0	9.8	9.8
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0
RP 4.05: SWINE	0.0	0.0	0.0	0.0	4.8	1.0	0.0	0.0	0.0	5.8	5.8
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 2

RESEARCH PROGRAM SUMMARY VIRGINIA

	USDA				OTHER INSTITUTIONS						
	ARS	EES/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	3.2	2.2	0.0	0.0	0.0	5.4	5.4
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	4.1	4.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	3.6	3.6
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	9.3	0.0	0.0	0.0	0.0	9.3	9.3
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 7.02: TECHNOLOGY NCI ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	14.6	0.0	0.0	0.0	0.0	14.6	14.6
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.1	2.0	0.0	0.0	0.0	5.1	5.1
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 8.03: FOOD SAFETY	0.3	0.0	0.0	0.3	3.4	7.2	0.0	0.0	0.0	10.6	10.9
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
GRAND TOTAL	6.6	0.0	0.0	6.6	155.4	18.7	0.0	0.0	0.0	174.1	180.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY ILLINOIS

	USDA				OTHER INSTITUTIONS						
	ARS	EES/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	1.3	0.0	0.0	1.3	12.3	0.0	0.0	0.0	0.0	12.3	13.6
RP 1.02: WATER & WATERSHEDS	1.5	0.0	0.0	1.5	2.9	0.0	0.1	0.0	0.0	3.0	4.6
RP 1.04: ENVIRONMENTAL QUALITY	2.3	0.0	0.0	2.3	2.0	0.0	0.0	0.0	0.0	2.0	4.3
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	3.7	3.7	2.0	0.0	2.1	0.0	0.0	4.1	7.8
RP 2.03: FOREST PROTECTION	0.0	0.0	3.7	3.7	0.8	0.0	0.0	0.0	0.0	0.8	4.5
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	3.0	3.0	1.6	0.0	1.8	0.0	0.0	3.4	6.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.6	0.0	0.8	0.0	0.0	1.4	1.4
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	2.0	2.0	0.5	0.0	0.1	0.0	0.0	0.7	2.7
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.9	0.0	0.3	0.0	0.0	1.2	1.2
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.01: CORN	15.4	0.0	0.0	15.4	12.7	0.0	0.0	0.0	0.0	12.7	28.2
RP 3.02: GRAIN SORGHUM	0.9	0.0	0.0	0.9	0.4	0.0	0.0	0.0	0.0	0.4	1.4
RP 3.03: WHEAT	3.8	0.0	0.0	3.8	0.6	0.0	0.0	0.0	0.0	0.6	4.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	5.8	0.0	0.0	5.8	1.1	0.0	0.0	0.0	0.0	1.1	7.0
RP 3.06: SOYBEANS	43.2	0.0	0.0	43.2	10.3	0.0	0.0	0.0	0.0	10.3	53.5
RP 3.07: PEANUTS	0.9	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9
RP 3.08: SUGAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.09: FORAGE, RANGE, & PASTURE	0.2	0.0	0.0	0.2	2.3	0.0	0.0	0.0	0.0	2.3	2.5
RP 3.10: COTTON	1.3	0.0	0.0	1.3	0.2	0.0	0.0	0.0	0.0	0.2	1.5
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	13.0	0.0	0.0	13.0	0.7	0.0	0.0	0.0	0.0	0.7	13.7
RP 3.13: FRUIT	0.3	0.0	0.0	0.3	4.2	0.0	0.0	0.0	0.0	4.2	4.5
RP 3.14: VEGETABLE CROPS	0.4	0.0	0.0	0.4	4.8	0.0	0.0	0.0	0.0	4.8	5.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	5.3	5.3
RP 3.17: WEEDS IN CROPS	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
RP 3.19: NONSPECIFIC PLANTS	28.4	0.0	0.0	28.4	2.7	0.0	0.0	0.0	0.3	3.0	31.4
RP 4.01: BEEF	0.2	0.0	0.0	0.2	5.3	0.0	0.0	0.0	0.0	5.3	5.5
RP 4.02: DAIRY	0.4	0.0	0.0	0.4	9.5	0.0	0.0	0.0	0.0	9.5	9.9
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	2.9	2.9
RP 4.04: SHEEP	0.4	0.0	0.0	0.4	3.1	0.0	0.0	0.0	0.0	3.1	3.5
RP 4.05: SWINE	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	7.1	7.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	4.7	4.7
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.5	3.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY ILLINOIS

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ NASS	FS	USDA TOTAL	SAES	1890/ TUSK	FORESTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	4.8	4.8
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.8	0.0	0.2	0.0	0.0	2.0	2.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	9.2	0.0	0.0	0.0	0.0	9.2	9.2
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	9.8	0.0	0.0	9.8	0.7	0.0	0.0	0.0	0.0	0.7	10.5
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	6.9	0.0	0.5	0.0	0.0	7.4	7.4
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	13.2	0.0	0.0	13.2	5.1	0.0	0.0	0.0	12.0	17.1	30.4
RP 8.01: HUMAN NUTRITION	6.4	0.0	0.0	6.4	7.6	0.0	0.0	0.0	0.0	7.6	14.0
RP 8.02: FOOD PROCESSING	3.7	0.0	0.0	3.7	0.6	0.0	0.0	0.0	0.0	0.6	4.4
RP 8.03: FOOD SAFETY	16.6	0.0	0.0	16.6	1.6	0.0	0.0	0.0	0.0	1.6	18.2
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
GRAND TOTAL	170.5	0.0	12.4	182.9	150.6	0.0	6.0	0.0	12.3	168.9	351.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY INDIANA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	4.3	0.0	0.0	4.3	7.4	0.0	0.0	0.0	0.0	7.4	11.8
RP 1.02: WATER & WATERSHEDS	0.8	0.0	0.0	0.8	1.7	0.0	0.0	0.0	0.0	1.7	2.5
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	4.8	4.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	6.3	6.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.01: CORN	1.9	0.0	0.0	1.9	14.8	0.0	0.0	0.0	0.0	14.8	16.7
RP 3.02: GRAIN SORGHUM	0.5	0.0	0.0	0.5	2.3	0.0	0.0	0.0	0.0	2.3	2.9
RP 3.03: WHEAT	2.6	0.0	0.0	2.6	3.5	0.0	0.0	0.0	0.0	3.5	6.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.3	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.5	0.8
RP 3.06: SOYBEANS	3.1	0.0	0.0	3.1	7.9	0.0	0.0	0.0	0.0	7.9	11.0
RP 3.08: SUGAR	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.09: FORAGE, RANGE, & PASTURE	0.5	0.0	0.0	0.5	2.9	0.0	0.0	0.0	0.0	2.9	3.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 3.13: FRUIT	2.4	0.0	0.0	2.4	2.6	0.0	0.0	0.0	0.0	2.6	5.0
RP 3.14: VEGETABLE CROPS	1.5	0.0	0.0	1.5	8.0	0.0	0.0	0.0	0.0	8.0	9.5
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.4	3.4
RP 3.17: WEEDS IN CROPS	0.5	0.0	0.0	0.5	1.0	0.0	0.0	0.0	0.0	1.0	1.5
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.19: NONSPECIFIC PLANTS	0.5	0.0	0.0	0.5	7.7	0.0	0.0	0.0	0.0	7.7	8.2
RP 4.01: BEEF	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	6.7	6.7
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	6.8	6.8
RP 4.03: POULTRY	2.0	0.0	0.0	2.0	6.1	0.0	0.0	0.0	0.0	6.1	8.1
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 4.05: SWINE	0.0	0.0	0.0	0.0	9.8	0.0	0.0	0.0	0.0	9.8	9.8
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	2.9	2.9
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY INDIANA

		USDA				OTHER INSTITUTIONS						
		ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	PRSTBY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.08:	NONSPECIFIC ANIMALS	1.0	0.0	0.0	1.0	3.8	0.0	0.0	0.0	0.0	3.8	4.8
RP 4.09:	INVERTEBRATES	0.3	0.0	0.0	0.3	3.4	0.0	0.0	0.0	0.0	3.4	3.7
RP 5.01:	INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	3.6	3.6
RP 5.02:	LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 5.04:	INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 5.05:	RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0	6.9	6.9
RP 6.02:	FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	2.8	2.8
RP 6.03:	MARKETING & COMPETITION	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	0.0	7.9	7.9
RP 7.01:	MANMADE RESOURCES	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 7.02:	TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	9.9	0.0	0.0	0.0	0.0	9.9	9.9
RP 8.01:	HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RP 8.02:	FOOD PROCESSING	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 8.03:	FOOD SAFETY	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 8.05:	FOOD SERVICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GRAND TOTAL		22.6	0.0	0.0	22.6	172.6	0.0	0.0	0.0	0.0	172.6	195.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY IOWA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	1.3	0.0	0.0	1.3	8.3	0.0	0.0	0.0	0.0	8.3	9.6
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.2	0.0	5.5	5.5
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.4	0.0	1.5	1.5
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.01: CORN	12.0	0.0	0.0	12.0	14.7	0.0	0.0	0.0	0.0	14.7	26.8
RP 3.02: GRAIN SORGHUM	0.1	0.0	0.0	0.1	0.7	0.0	0.0	0.0	0.0	0.7	0.8
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.5	0.0	0.0	0.5	2.3	0.0	0.0	0.0	0.0	2.3	2.8
RP 3.06: SOYBEANS	5.9	0.0	0.0	5.9	12.2	0.0	0.0	0.0	0.0	12.2	18.2
RP 3.07: PEANUTS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.09: FORAGE, RANGE, & PASTURE	1.0	0.0	0.0	1.0	3.6	0.0	0.0	0.0	0.0	3.6	4.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.1	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.3	0.4
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.3	0.0	0.0	0.3	3.7	0.0	0.0	0.0	0.0	3.7	4.0
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.19: NONSPECIFIC PLANTS	2.6	0.0	0.0	2.6	0.7	0.0	0.0	0.0	0.0	0.7	3.4
RP 4.01: BEEF	13.0	0.0	0.0	13.0	9.6	0.0	0.0	6.3	0.0	15.9	29.0
RP 4.02: DAIRY	18.0	0.0	0.0	18.0	4.1	0.0	0.0	4.3	0.0	8.4	26.4
RP 4.03: POULTRY	8.4	0.0	0.0	8.4	1.8	0.0	0.0	2.5	0.0	4.3	12.7
RP 4.04: SHEEP	4.0	0.0	0.0	4.0	0.2	0.0	0.0	0.5	0.0	0.7	4.7
RP 4.05: SWINE	14.1	0.0	0.0	14.1	7.7	0.0	0.0	12.4	0.0	20.2	34.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.9	0.0	1.9	1.9
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	2.2	0.0	0.0	2.8	0.0	5.1	5.1
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	2.9	2.9
RP 5.02: LIVING ENVIRONMENT	0.3	0.0	0.0	0.3	0.8	0.0	0.0	0.0	0.0	0.8	1.1
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.5	0.0	4.1	4.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY IOWA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.3	0.0	0.0	0.3	2.8	0.0	0.0	0.0	0.0	2.8	3.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	4.4	4.4
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.1	3.4	3.4
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
GRAND TOTAL	82.4	0.0	0.0	82.4	117.8	0.0	0.0	31.1	0.1	149.0	231.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY KANSAS

		USDA				OTHER INSTITUTIONS						
		ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	3.8	0.0	0.0	3.8	5.9	0.0	0.0	0.0	0.0	5.9	9.8
RP 1.02:	WATER & WATERSHEDS	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	5.4	5.4
RP 1.03:	RECREATION	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 1.04:	ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	1.2	0.0	0.0	1.2	0.9	0.0	0.0	0.0	0.0	0.9	2.1
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.01:	CORN	7.0	0.0	0.0	7.0	14.8	0.0	0.0	0.0	0.0	14.8	21.9
RP 3.02:	GRAIN SORGHUM	1.6	0.0	0.0	1.6	14.6	0.0	0.0	0.0	0.0	14.6	16.2
RP 3.03:	WHEAT	15.0	0.0	0.0	15.0	26.0	0.0	0.0	0.0	0.0	26.0	41.0
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	0.6	0.0	0.0	0.6	2.0	0.0	0.0	0.0	0.0	2.0	2.7
RP 3.05:	RICE	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
RP 3.06:	SOYBEANS	0.7	0.0	0.0	0.7	10.1	0.0	0.0	0.0	0.0	10.1	10.8
RP 3.09:	FORAGE, RANGE, & PASTURE	1.1	0.0	0.0	1.1	13.7	0.0	0.0	0.0	0.0	13.7	14.8
RP 3.12:	NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.13:	FRUIT	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 3.14:	VEGETABLE CROPS	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	3.8	3.8
RP 3.18:	SEEDS	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.19:	NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	12.6	0.0	0.0	0.0	0.0	12.6	12.6
RP 4.01:	BEEF	0.0	0.0	0.0	0.0	29.0	0.0	0.0	1.4	0.0	30.4	30.4
RP 4.02:	DAIRY	0.0	0.0	0.0	0.0	9.3	0.0	0.0	0.2	0.0	9.5	9.5
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.2	0.0	3.4	3.4
RP 4.04:	SHEEP	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.2	0.0	2.2	2.2
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	7.7	0.0	0.0	0.5	0.0	8.2	8.2
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.08:	NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RP 4.09:	INVERTEBRATES	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 5.01:	INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 5.02:	LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 5.04:	INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 5.05:	RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY KANSAS

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.4	0.0	0.0	0.4	1.9	0.0	0.0	0.0	0.0	1.9	2.3
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 6.03: MARKETING & COMPETITION	1.6	0.0	0.0	1.6	3.3	0.0	0.0	0.0	0.0	3.3	4.9
RP 7.01: HUMAN RESOURCES	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	5.5	5.5
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	4.4	4.4
RP 8.03: FOOD SAFETY	1.0	0.0	0.0	1.0	0.5	0.0	0.0	0.0	0.0	0.5	1.5
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
GRAND TOTAL	35.5	0.0	0.0	35.5	202.4	0.0	0.0	2.6	0.0	205.0	240.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY MICHIGAN

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	MICH A ABB	MICH MOUGHT	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	5.9	5.9
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 1.04: ENVIRONMENTAL QUALITY	0.2	0.0	0.0	0.2	6.2	0.0	0.0	0.0	0.0	6.2	6.4
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.1
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.7	0.6	0.0	0.0	0.0	1.4	1.4
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	3.2	0.5	2.6	0.0	0.0	6.3	6.3
RP 2.03: FOREST PROTECTION	0.0	0.0	7.4	7.4	0.6	1.0	0.4	0.0	0.0	2.0	9.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	6.7	6.7	3.1	0.1	4.0	0.0	0.0	7.2	13.9
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.4	0.1	2.1	0.0	0.0	2.7	2.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.6	0.6
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.01: CORN	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 3.03: WHEAT	1.3	0.0	0.0	1.3	2.7	0.0	0.0	0.0	0.0	2.7	4.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.6	0.0	0.0	1.6	0.4	0.0	0.0	0.0	0.0	0.4	2.0
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 3.08: SUGAR	2.7	0.0	0.0	2.7	0.3	0.0	0.0	0.0	0.0	0.3	3.0
RP 3.09: FORAGE, RANGE, & PASTURE	0.7	0.0	0.0	0.7	2.5	0.0	0.0	0.0	0.0	2.5	3.2
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.13: FRUIT	2.2	0.0	0.0	2.2	13.4	0.0	0.0	0.0	0.0	13.4	15.6
RP 3.14: VEGETABLE CROPS	3.7	0.0	0.0	3.7	12.3	0.0	0.0	0.0	0.0	12.3	16.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.4	3.4
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	8.2	0.0	0.0	0.0	0.6	8.8	8.8
RP 4.01: BEEF	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	5.0
RP 4.02: DAIRY	0.3	0.0	0.0	0.3	8.9	0.0	0.0	0.0	0.0	8.9	9.2
RP 4.03: POULTRY	10.7	0.0	0.0	10.7	5.4	0.0	0.0	0.0	0.0	5.4	16.1
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 4.05: SWINE	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	4.7	4.7
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	5.9	5.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY MICHIGAN

	USDA				OTHER INSTITUTIONS						
	APS	EES/ ACS	FS	USDA TOTAL	SAES	MICH A ARB	MICH NOUGHT	VET SCH	OTHR	TOTAL	GRAND TOTAL
PP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.1
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	4.7	4.7
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	6.7	6.7
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	4.2	4.2
RP 7.01: RANGELY RESOURCES	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC CCHN RESOURCES OR RPGS	0.0	0.0	0.0	0.0	8.4	0.0	0.0	0.0	0.0	8.4	8.4
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	4.8	4.8
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
GRAND TOTAL	23.5	0.0	14.1	37.6	154.0	2.6	9.1	0.0	0.6	166.3	203.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY MINNESOTA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	10.1	0.0	0.0	10.1	9.1	0.0	0.0	0.0	0.0	9.1	19.2
RP 1.02: WATER & WATERSHEDS	5.2	0.0	0.0	5.2	1.4	0.0	0.0	0.0	0.0	1.4	6.7
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 1.04: ENVIRONMENTAL QUALITY	1.2	0.0	0.0	1.2	1.3	0.0	0.0	0.0	0.0	1.3	2.5
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.2	0.0	0.0	0.2	1.1	0.0	0.0	0.0	0.0	1.1	1.3
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	9.0	9.0	2.0	0.0	0.0	0.0	0.0	2.0	11.0
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	4.0	4.0	6.9	0.0	0.0	0.0	0.0	6.9	10.9
RP 2.03: FOREST PROTECTION	0.0	0.0	4.0	4.0	1.8	0.0	0.0	0.0	0.0	1.8	5.8
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	3.0	3.0	4.0	0.0	0.0	0.0	0.0	4.0	7.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	4.0	4.0	2.1	0.0	0.0	0.0	0.0	2.1	6.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	4.0	4.0	0.4	0.0	0.0	0.0	0.0	0.4	4.4
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	4.0	4.0	1.4	0.0	0.0	0.0	0.0	1.4	5.4
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	9.0	9.0	1.0	0.0	0.0	0.0	0.0	1.0	10.0
RP 2.09: TECHNICAL ASSISTANCE	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.01: CORN	0.3	0.0	0.0	0.3	12.2	0.0	0.0	0.0	0.0	12.2	12.5
RP 3.03: WHEAT	4.2	0.0	0.0	4.2	4.6	0.0	0.0	0.0	0.0	4.6	8.9
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	2.3	0.0	0.0	2.3	5.1	0.0	0.0	0.0	0.0	5.1	7.4
RP 3.05: RICE	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 3.06: SOYBEANS	2.2	0.0	0.0	2.2	6.5	0.0	0.0	0.0	0.0	6.5	8.8
RP 3.08: SUGAR	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 3.09: FORAGE, RANGE, & PASTURE	6.4	0.0	0.0	6.4	4.4	0.0	0.0	0.0	0.0	4.4	10.8
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 3.14: VEGETABLE CROPS	2.9	0.0	0.0	2.9	9.7	0.0	0.0	0.0	0.0	9.7	12.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	5.9	5.9
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 4.01: BEEF	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	4.0	4.0
RP 4.02: DAIRY	0.7	0.0	0.0	0.7	8.2	0.0	0.0	0.0	0.0	8.2	9.0
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	6.3	6.3
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 4.05: SWINE	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	6.8	6.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY MINNESOTA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.5	3.5
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	5.8	5.8
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	4.7	4.7
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.7
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 6.03: MARKETING & COMPETITION	2.0	0.0	0.0	2.0	2.6	0.0	0.0	0.0	0.0	2.6	4.6
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OF RPGS	0.5	0.0	0.0	0.5	6.4	0.0	0.0	0.0	0.0	6.4	6.9
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	4.0	4.0
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.4	3.4
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
GRAND TOTAL	39.0	0.0	41.0	80.0	171.5	0.0	0.0	0.0	0.0	171.5	251.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983

REGION 3

RESEARCH PROGRAM SUMMARY

MISSOURI

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	1.1	0.0	0.0	1.1	5.1	0.0	0.0	0.0	0.0	5.1	6.2
RP 1.02: WATER & WATERSHEDS	4.0	0.0	0.0	4.0	0.7	0.0	0.0	0.0	0.0	0.7	4.7
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	2.9	2.9
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	6.4	6.4	1.0	0.0	0.0	0.0	0.0	1.0	7.4
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 3.01: CORN	8.4	0.0	0.0	8.4	5.6	0.0	0.0	0.0	0.0	5.6	14.1
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.03: WHEAT	2.0	0.0	0.0	2.0	1.6	0.0	0.0	0.0	0.0	1.6	3.7
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.06: SOYBEANS	4.6	0.0	0.0	4.6	8.2	1.0	0.0	0.0	0.0	9.2	13.8
RP 3.08: SUGAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.09: FORAGE, RANGE, & PASTURE	1.6	0.0	0.0	1.6	4.8	0.5	0.0	0.0	0.0	5.3	7.0
RP 3.10: COTTON	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.13: FRUIT	0.1	0.0	0.0	0.1	2.4	0.0	0.0	0.0	0.0	2.4	2.6
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	2.0	1.0	0.0	0.0	0.0	3.0	3.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 3.17: WEEDS IN CROPS	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 3.19: NONSPECIFIC PLANTS	0.2	0.0	0.0	0.2	1.8	0.0	0.0	0.0	0.2	2.0	2.3
RP 4.01: BEEF	0.4	0.0	0.0	0.4	5.6	1.0	0.0	0.0	0.0	6.7	7.1
RP 4.02: DAIRY	0.8	0.0	0.0	0.8	6.1	0.0	0.0	0.0	0.0	6.1	6.9
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	2.8	1.0	0.0	0.0	0.0	3.8	3.8
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	1.0	0.6	0.0	0.0	0.0	1.6	1.6
RP 4.05: SWINE	0.1	0.0	0.0	0.1	2.0	0.8	0.0	0.0	0.0	2.9	3.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	1.8	0.3	0.0	0.0	0.0	2.2	2.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY MISSOURI

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	PRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 4.09: INVERTEBRATES	6.9	0.0	0.0	6.9	0.3	0.0	0.0	0.0	0.0	0.3	7.3
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	5.1	0.5	0.0	0.0	0.0	5.6	5.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	4.2	4.2
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 6.03: MARKETING & COMPETITION	2.2	0.0	0.0	2.2	4.4	0.0	0.0	0.0	0.0	4.4	6.6
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	1.4	0.0	0.0	1.4	1.5	0.0	0.0	0.0	0.0	1.5	3.0
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.8	3.0	0.0	0.0	0.2	7.0	7.0
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.9
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
GRAND TOTAL	35.0	0.0	7.6	42.6	101.7	9.9	0.0	0.0	0.4	112.0	154.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY NEBRASKA

	USDA				OTHER INSTITUTIONS						
	ARS	EPS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	3.5	0.0	0.0	3.5	5.5	0.0	0.0	0.0	0.0	5.5	9.1
RP 1.02: WATER & WATERSHEDS	2.5	0.0	0.0	2.5	3.3	0.0	0.0	0.0	0.0	3.3	5.8
RP 1.04: ENVIRONMENTAL QUALITY	0.4	0.0	0.0	0.4	1.5	0.0	0.0	0.0	0.0	1.5	1.9
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 2.03: FOREST PROTECTION	0.0	0.0	3.0	3.0	0.5	0.0	0.0	0.0	0.0	0.5	3.5
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
RP 3.01: CORN	1.1	0.0	0.0	1.1	11.0	0.0	0.0	0.0	0.0	11.0	12.2
RP 3.02: GRAIN SORGHUM	4.9	0.0	0.0	4.9	6.0	0.0	0.0	0.0	0.0	6.0	11.0
RP 3.03: WHEAT	3.5	0.0	0.0	3.5	8.1	0.0	0.0	0.0	0.0	8.1	11.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.1	0.0	0.0	0.1	1.5	0.0	0.0	0.0	0.0	1.5	1.7
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	4.7	4.7
RP 3.08: SUGAR	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.09: FORAGE, RANGE, & PASTURE	4.6	0.0	0.0	4.6	6.5	0.0	0.0	0.0	0.0	6.5	11.1
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	4.2	4.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.1	0.0	0.0	0.1	3.1	0.0	0.0	0.0	0.0	3.1	3.2
RP 3.17: WEEDS IN CROPS	0.4	0.0	0.0	0.4	0.6	0.0	0.0	0.0	0.0	0.6	1.0
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	5.4	5.4
RP 4.01: BEEF	21.8	0.0	0.0	21.8	16.5	0.0	0.0	0.0	0.0	16.5	38.4
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.2
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	3.6	3.6
RP 4.04: SHEEP	7.7	0.0	0.0	7.7	1.4	0.0	0.0	0.0	0.0	1.4	9.1
RP 4.05: SWINE	10.8	0.0	0.0	10.8	9.8	0.0	0.0	0.0	0.0	9.8	20.7
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.08: NONSPECIFIC ANIMALS	1.8	0.0	0.0	1.8	0.5	0.0	0.0	0.0	0.0	0.5	2.3
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.1	0.0	0.0	0.1	1.8	0.0	0.0	0.0	0.0	1.8	1.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY NEBRASKA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.3	0.0	0.0	0.3	3.5	0.0	0.0	0.0	0.0	3.5	3.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	5.0
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 8.03: FOOD SAFETY	0.3	0.0	0.0	0.3	1.6	0.0	0.0	0.0	0.0	1.6	1.9
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
GRAND TOTAL	64.8	0.0	4.0	68.8	129.0	0.0	0.0	0.0	0.0	129.0	197.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY NORTH DAKOTA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	2.2	0.0	0.0	2.2	15.3	0.0	0.0	0.0	0.0	15.3	17.6
RP 1.02: WATER & WATERSHEDS	2.0	0.0	0.0	2.0	6.5	0.0	0.0	0.0	0.0	6.5	8.6
RP 1.04: ENVIRONMENTAL QUALITY	4.0	0.0	0.0	4.0	0.9	0.0	0.0	0.0	0.0	0.9	4.9
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.01: CORN	0.5	0.0	0.0	0.5	1.6	0.0	0.0	0.0	0.0	1.6	2.1
RP 3.03: WHEAT	7.6	0.0	0.0	7.6	16.4	0.0	0.0	0.0	0.0	16.4	24.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.9	0.0	0.0	1.9	8.5	0.0	0.0	0.0	0.0	8.5	10.4
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.08: SUGAR	3.2	0.0	0.0	3.2	2.6	0.0	0.0	0.0	0.0	2.6	5.8
RP 3.09: FORAGE, RANGE, & PASTURE	7.3	0.0	0.0	7.3	5.9	0.0	0.0	0.0	0.0	5.9	13.3
RP 3.12: NEW CROPS & MINOR OILSEEDS	5.3	0.0	0.0	5.3	10.1	0.0	0.0	0.0	0.0	10.1	15.4
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	6.0	6.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	1.2	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2
RP 3.17: WEEDS IN CROPS	2.1	0.0	0.0	2.1	0.2	0.0	0.0	0.0	0.0	0.2	2.3
RP 3.19: NONSPECIFIC PLANTS	3.8	0.0	0.0	3.8	7.8	0.0	0.0	0.0	0.0	7.8	11.6
RP 4.01: BEEF	1.8	0.0	0.0	1.8	11.5	0.0	0.0	0.0	0.0	11.5	13.3
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 4.05: SWINE	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	4.6	4.6
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.08: NONSPECIFIC ANIMALS	0.6	0.0	0.0	0.6	3.6	0.0	0.0	0.0	0.0	3.6	4.2
RP 4.09: INVERTEBRATES	16.9	0.0	0.0	16.9	0.3	0.0	0.0	0.0	0.0	0.3	17.2
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	5.1	5.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	4.5	4.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	5.0
RP 7.01: HUMAN RESOURCES	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.1	0.0	0.0	0.1	8.4	0.0	0.0	0.0	0.0	8.4	8.6
RP 8.01: HUMAN NUTRITION	10.2	0.0	0.0	10.2	1.3	0.0	0.0	0.0	0.0	1.3	11.5
RP 8.03: FOOD SAFETY	10.3	0.0	0.0	10.3	1.0	0.0	0.0	0.0	0.0	1.0	11.3
GRAND TOTAL	81.5	0.0	0.0	81.5	141.8	0.0	0.0	0.0	0.0	141.8	223.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY OHIO

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	OHIO ALLIAN	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	1.6	0.0	0.0	1.6	6.7	0.0	0.0	0.0	0.0	6.7	8.3
RP 1.02: WATER & WATERSHEDS	3.0	0.0	0.0	3.0	1.1	0.0	0.0	0.0	0.0	1.1	4.1
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 1.04: ENVIRONMENTAL QUALITY	2.2	0.0	0.0	2.2	1.6	0.0	0.0	0.1	0.0	1.8	4.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	2.8	2.8	6.1	0.0	0.0	0.0	0.0	6.1	9.0
RP 2.03: FOREST PROTECTION	0.0	0.0	9.5	9.5	0.7	0.0	0.0	0.0	0.0	0.7	10.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	4.2
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	4.1	4.1	0.2	0.0	0.0	0.0	0.0	0.2	4.3
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.01: CORN	4.0	0.0	0.0	4.0	6.5	0.0	0.0	0.0	0.0	6.5	10.6
RP 3.03: WHEAT	2.0	0.0	0.0	2.0	1.1	0.0	0.0	0.0	0.0	1.1	3.1
RP 3.06: SOYBEANS	1.0	0.0	0.0	1.0	5.9	0.0	0.0	0.0	0.0	5.9	6.9
RP 3.08: SUGAR	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.09: FORAGE, RANGE, & PASTURE	0.4	0.0	0.0	0.4	2.8	0.0	0.0	0.0	0.0	2.8	3.2
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.13: FRUIT	0.4	0.0	0.0	0.4	5.5	0.0	0.0	0.0	0.0	5.5	5.9
RP 3.14: VEGETABLE CROPS	2.5	0.0	0.0	2.5	7.2	0.0	0.0	0.0	0.0	7.2	9.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	4.7	0.0	0.0	4.7	7.0	0.0	0.0	0.0	0.0	7.0	11.7
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.7	2.3	2.3
RP 4.01: BEEF	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.5	0.0	5.5	5.5
RP 4.02: DAIRY	0.6	0.0	0.0	0.6	8.5	0.0	0.0	0.8	0.0	9.3	9.9
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.1	0.0	3.7	3.7
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.1	0.0	2.4	2.4
RP 4.05: SWINE	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	4.4	4.4
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	1.5	0.0	1.6	1.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	2.3	2.3
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY OHIO

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	OHIO ALLIAN	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.1
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.6	0.0	2.7	2.7
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	5.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 7.01: MANMADE RESOURCES	2.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OF RPGS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	3.3	3.6	3.6
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.1	0.0	1.6	1.6
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
GRAND TOTAL	24.6	0.0	20.7	45.3	100.7	0.0	0.0	6.3	4.0	111.0	156.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY SOUTH DAKOTA

	USDA				OTHER INSTITUTIONS						
	ARS	EES/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	4.9	4.9
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	4.6	4.6
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
RP 3.01: CORN	7.0	0.0	0.0	7.0	3.8	0.0	0.0	0.0	0.0	3.8	10.8
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.03: WHEAT	0.5	0.0	0.0	0.5	5.3	0.0	0.0	0.0	0.0	5.3	5.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.9	0.0	0.0	0.9	5.7	0.0	0.0	0.0	0.0	5.7	6.6
RP 3.06: SOYBEANS	0.4	0.0	0.0	0.4	1.4	0.0	0.0	0.0	0.0	1.4	1.9
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	6.2	6.2
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.2	0.0	0.0	0.2	2.6	0.0	0.0	0.0	0.0	2.6	2.8
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	9.7	9.7
RP 4.01: BEEF	0.0	0.0	0.0	0.0	13.5	0.0	0.0	0.0	0.0	13.5	13.5
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	6.4	6.4
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 4.05: SWINE	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	6.1	6.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	4.8	4.8
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.4	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.2	0.6
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY SOUTH DAKOTA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
GRAND TOTAL	9.6	0.0	2.0	11.6	96.0	0.0	0.0	0.0	0.0	96.0	107.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY WISCONSIN

		USDA				OTHER INSTITUTIONS						
		ARS	EES/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	6.8	6.8
RP 1.02:	WATER & WATERSHEDS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 1.03:	RECREATION	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 1.04:	ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	6.5	6.5
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	3.8	3.8
RP 1.08:	AQUATIC WEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	17.0	17.0	2.4	0.0	0.0	0.0	0.0	2.4	19.4
RP 2.03:	FOREST PROTECTION	0.0	0.0	8.0	8.0	4.6	0.0	0.0	0.0	0.0	4.6	12.6
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	82.0	82.0	2.3	0.0	0.0	0.0	0.0	2.3	84.3
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 3.01:	CORN	0.2	0.0	0.0	0.2	5.8	0.0	0.0	0.0	0.0	5.8	6.1
RP 3.03:	WHEAT	0.1	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.3	0.5
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	5.2	0.0	0.0	5.2	2.1	0.0	0.0	0.0	0.0	2.1	7.3
RP 3.06:	SOYBEANS	0.2	0.0	0.0	0.2	3.4	0.0	0.0	0.0	0.0	3.4	3.6
RP 3.09:	FORAGE, RANGE, & PASTURE	3.7	0.0	0.0	3.7	6.0	0.0	0.0	0.0	0.0	6.0	9.7
RP 3.11:	TOBACCO	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.12:	NEW CROPS & MINOR OILSEEDS	0.2	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.3	0.5
RP 3.13:	FRUIT	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	2.8	2.8
RP 3.14:	VEGETABLE CROPS	5.3	0.0	0.0	5.3	16.4	0.0	0.0	0.0	0.0	16.4	21.8
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 3.16:	BEES & OTHER POLLINATING INSECTS	2.6	0.0	0.0	2.6	1.0	0.0	0.0	0.0	0.0	1.0	3.7
RP 3.18:	SEEDS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.19:	NONSPECIFIC PLANTS	2.0	0.0	0.0	2.0	4.8	0.0	0.0	0.0	0.3	5.1	7.1
RP 4.01:	BEEF	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0
RP 4.02:	DAIRY	1.8	0.0	0.0	1.8	12.6	0.0	0.0	0.0	0.0	12.6	14.5
RP 4.03:	POULTRY	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	3.8	3.8
RP 4.04:	SHEEP	0.1	0.0	0.0	0.1	0.9	0.0	0.0	0.0	0.0	0.9	1.0
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	3.3	3.3
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 4.08:	NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	4.6	4.6
RP 4.09:	INVERTEBRATES	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 3

RESEARCH PROGRAM SUMMARY WISCONSIN

	USDA				OTHER INSTITUTIONS						
	ARS	EES/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	5.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.5	3.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	4.2	4.2
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	1.3	0.0	0.0	1.3	18.4	0.0	0.0	0.0	0.0	18.4	19.7
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	3.8	3.8
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	5.0
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.4	0.0	0.0	0.4	0.6	0.0	0.0	0.0	0.0	0.6	1.0
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
GRAND TOTAL	23.6	0.0	107.0	130.6	160.3	0.0	0.0	0.0	0.3	160.6	291.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY ALASKA

	USDA				OTHER INSTITUTIONS						
	ARS	EPS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	PRSTTY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.7	0.0	0.0	0.7	0.8	0.0	0.0	0.0	0.0	0.8	1.5
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	2.8
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	7.2	7.2	0.2	0.0	0.0	0.0	0.0	0.2	7.4
RP 2.03: FOREST PROTECTION	0.0	0.0	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	2.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	7.4	7.4	0.5	0.0	0.0	0.0	0.0	0.5	7.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.7	0.0	0.0	1.7	0.7	0.0	0.0	0.0	0.0	0.7	2.4
RP 3.09: FORAGE, RANGE, & PASTURE	0.2	0.0	0.0	0.2	1.3	0.0	0.0	0.0	0.0	1.3	1.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.3	0.0	0.0	0.3	0.6	0.0	0.0	0.0	0.0	0.6	0.9
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.9	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.01: BEEF	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.05: SWINE	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GRAND TOTAL	4.0	0.0	26.0	30.0	7.8	0.0	0.0	0.0	0.0	7.8	37.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY ARIZONA

	USDA				OTHER INSTITUTIONS						
	ARS	EES/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	5.4	0.0	0.0	5.4	10.7	0.0	0.0	0.0	0.0	10.7	16.1
RP 1.02: WATER & WATERSHEDS	17.3	0.0	1.6	18.9	9.0	0.0	0.3	0.0	0.0	9.3	28.3
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 1.04: ENVIRONMENTAL QUALITY	1.0	0.0	0.0	1.0	5.8	0.0	0.0	0.0	0.0	5.8	6.9
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	4.5	0.0	0.4	0.0	0.0	4.9	4.9
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	3.8	3.8	1.0	0.0	0.7	0.0	0.0	1.7	5.5
RP 2.03: FOREST PROTECTION	0.0	0.0	2.2	2.2	1.4	0.0	1.8	0.0	0.0	3.2	5.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.2	0.0	0.9	0.0	0.0	1.1	1.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	9.0	9.0	1.0	0.0	0.1	0.0	0.0	1.1	10.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	5.4	5.4	1.7	0.0	0.0	0.0	0.0	1.7	7.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	1.8	0.0	0.3	0.0	0.0	2.1	2.1
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.01: CORN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.0	0.0	0.0	1.0	1.5	0.0	0.0	0.0	0.0	1.5	2.5
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.08: SUGAR	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.09: FORAGE, RANGE, & PASTURE	5.0	0.0	0.0	5.0	10.4	0.0	0.0	0.0	0.0	10.4	15.4
RP 3.10: COTTON	17.6	0.0	0.0	17.6	14.0	0.0	0.0	0.0	0.0	14.0	31.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	2.1	0.0	0.0	2.1	4.0	0.0	0.0	0.0	0.0	4.0	6.2
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	6.6	6.6
RP 3.14: VEGETABLE CROPS	0.6	0.0	0.0	0.6	10.3	0.0	0.0	0.0	0.0	10.3	11.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	3.3	3.3
RP 3.16: BEES & OTHER POLLINATING INSECTS	7.9	0.0	0.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0	7.9
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 4.01: BEEF	0.0	0.0	0.0	0.0	8.6	0.0	0.0	0.0	0.0	8.6	8.6
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	6.2	6.2
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.05: SWINE	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	6.6	6.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY ARIZONA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.09: INVERTEBRATES	3.0	0.0	0.0	3.0	1.5	0.0	0.0	0.0	0.0	1.5	4.5
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	4.3	4.3
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	5.3	5.3
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
GRAND TOTAL	61.4	0.0	22.0	83.4	147.3	0.0	4.5	0.0	0.0	151.8	235.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY CALIFORNIA

	USDA				OTHER INSTITUTIONS						
	ARS	FRS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	5.4	0.0	0.0	5.4	19.6	0.0	0.0	0.0	0.0	19.6	25.1
RP 1.02: WATER & WATERSHEDS	11.1	0.0	0.0	11.1	14.8	0.0	0.0	0.0	0.0	14.8	25.9
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 1.04: ENVIRONMENTAL QUALITY	8.7	0.0	0.0	8.7	25.7	0.0	0.0	12.0	0.0	37.8	46.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.7
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	7.0	7.0
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	4.0	4.0
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	14.0	14.0	5.2	0.0	0.5	0.0	0.0	5.7	19.7
RP 2.03: FOREST PROTECTION	0.0	0.0	37.4	37.4	7.9	0.0	0.0	0.0	0.0	7.9	45.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	16.0	16.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	10.0	10.0	0.8	0.0	0.1	0.0	0.0	0.9	10.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	5.4	5.4	2.0	0.0	0.0	0.0	0.0	2.0	7.4
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	3.0	3.0	1.0	0.0	0.0	0.0	0.0	1.0	4.0
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.01: CORN	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.4	3.4
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.03: WHEAT	14.0	0.0	0.0	14.0	3.5	0.0	0.0	0.0	0.0	3.5	17.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	3.1	0.0	0.0	3.1	3.4	0.0	0.0	0.0	0.0	3.4	6.6
RP 3.05: RICE	1.8	0.0	0.0	1.8	3.4	0.0	0.0	0.0	0.0	3.4	5.2
RP 3.06: SOYBEANS	0.1	0.0	0.0	0.1	2.5	0.0	0.0	0.0	0.0	2.5	2.6
RP 3.07: PEANUTS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.08: SUGAR	7.5	0.0	0.0	7.5	1.6	0.0	0.0	0.0	0.0	1.6	9.1
RP 3.09: FORAGE, RANGE, & PASTURE	10.4	0.0	0.0	10.4	20.4	0.0	0.0	0.0	0.0	20.4	30.8
RP 3.10: COTTON	6.8	0.0	0.0	6.8	13.6	0.0	0.0	0.0	0.0	13.6	20.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	6.0	0.0	0.0	6.0	5.1	0.0	0.0	0.0	0.0	5.1	11.1
RP 3.13: FRUIT	27.6	0.0	0.0	27.6	69.3	0.0	0.0	0.0	0.0	69.3	96.9
RP 3.14: VEGETABLE CROPS	12.4	0.0	0.0	12.4	36.1	0.0	0.0	0.0	0.0	36.1	48.5
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.4	0.0	0.0	0.4	16.2	0.0	0.0	0.0	0.0	16.2	16.6
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.5	3.5
RP 3.17: WEEDS IN CROPS	5.2	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	5.2
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 3.19: NONSPECIFIC PLANTS	36.8	0.0	0.0	36.8	42.5	0.0	0.0	0.0	0.0	42.5	79.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY CALIFORNIA

	USDA				OTHER INSTITUTIONS						
	ARS	EES/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.01: BEEF	1.1	0.0	0.0	1.1	16.4	0.0	0.0	4.9	0.0	21.3	22.5
RP 4.02: DAIRY	1.1	0.0	0.0	1.1	12.9	0.0	0.0	13.6	0.0	26.6	27.8
RP 4.03: POULTRY	2.8	0.0	0.0	2.8	12.5	0.0	0.0	3.1	0.0	15.7	18.5
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	5.2	0.0	0.0	5.3	0.0	10.5	10.5
RP 4.05: SWINE	0.0	0.0	0.0	0.0	2.2	0.0	0.0	1.7	0.0	4.0	4.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	7.9	0.0	0.0	16.0	0.0	24.0	24.0
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	6.8	6.8
RP 4.08: NONSPECIFIC ANIMALS	1.8	0.0	0.0	1.8	15.6	0.0	0.0	14.2	0.0	29.8	31.6
RP 4.09: INVERTEBRATES	5.1	0.0	0.0	5.1	24.0	0.0	0.0	0.0	0.0	24.0	29.2
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	6.8	6.8
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	3.8	3.8
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	6.1	6.1
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	13.9	0.0	0.0	0.0	0.0	13.9	13.9
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	7.0	7.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	5.3	0.0	0.0	5.3	1.4	0.0	0.0	0.0	0.0	1.4	6.8
RP 6.03: MARKETING & COMPETITION	1.2	0.0	0.0	1.2	4.9	0.0	0.0	0.0	0.0	4.9	6.1
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	33.7	0.0	0.0	0.0	0.2	33.9	33.9
RP 8.01: HUMAN NUTRITION	14.4	0.0	0.0	14.4	26.3	0.0	0.0	0.0	0.0	26.3	40.8
RP 8.02: FOOD PROCESSING	12.5	0.0	0.0	12.5	3.5	0.0	0.0	0.0	0.0	3.5	16.0
RP 8.03: FOOD SAFETY	17.2	0.0	0.0	17.2	11.1	0.0	0.0	0.2	0.0	11.4	28.6
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
GRAND TOTAL	220.7	0.0	69.8	290.5	566.0	0.0	0.7	71.5	0.2	638.4	928.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY COLORADO

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	7.1	0.0	0.0	7.1	9.0	0.0	0.0	0.0	0.0	9.0	16.1
RP 1.02: WATER & WATERSHEDS	7.5	0.0	0.6	8.1	22.5	0.0	0.0	0.0	0.0	22.5	30.7
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 1.04: ENVIRONMENTAL QUALITY	5.6	0.0	0.0	5.6	8.9	0.0	0.0	0.0	0.0	8.9	14.5
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	2.4	0.0	0.0	2.4	9.5	0.0	0.0	0.0	0.0	9.5	11.9
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	7.4	7.4	0.6	0.0	0.0	0.0	0.0	0.6	8.1
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	3.1	3.1	0.8	0.0	0.0	0.0	0.0	0.8	4.0
RP 2.03: FOREST PROTECTION	0.0	0.0	6.7	6.7	0.9	0.0	0.0	0.0	0.0	0.9	7.6
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	3.6	3.6	2.0	0.0	0.0	0.0	0.0	2.0	5.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	7.4	7.4	0.7	0.0	0.0	0.0	0.0	0.7	8.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	1.8	1.8	1.3	0.0	0.0	0.0	0.0	1.3	3.1
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	5.2	5.2	0.8	0.0	0.0	0.0	0.0	0.8	6.0
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.01: CORN	0.1	0.0	0.0	0.1	2.4	0.0	0.0	0.0	0.0	2.4	2.6
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.03: WHEAT	3.9	0.0	0.0	3.9	5.1	0.0	0.0	0.0	0.0	5.1	9.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.1	0.0	0.0	0.1	3.7	0.0	0.0	0.0	0.0	3.7	3.8
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.08: SUGAR	4.5	0.0	0.0	4.5	0.8	0.0	0.0	0.0	0.0	0.8	5.4
RP 3.09: FORAGE, RANGE, & PASTURE	8.3	0.0	0.0	8.3	19.6	0.0	0.0	0.0	0.0	19.6	28.0
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RP 3.14: VEGETABLE CROPS	0.1	0.0	0.0	0.1	12.5	0.0	0.0	0.0	0.0	12.5	12.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.8
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.18: SEEDS	1.9	0.0	0.0	1.9	1.4	0.0	0.0	0.0	0.0	1.4	3.3
RP 3.19: NONSPECIFIC PLANTS	4.5	0.0	0.0	4.5	5.5	0.0	0.0	0.0	0.2	5.7	10.2
RP 4.01: BEEF	4.4	0.0	0.0	4.4	20.5	0.0	0.0	1.3	0.0	21.8	26.2
RP 4.02: DAIRY	3.0	0.0	0.0	3.0	0.2	0.0	0.0	0.6	0.0	0.9	3.9
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.04: SHEEP	2.2	0.0	0.0	2.2	2.9	0.0	0.0	0.0	0.0	2.9	5.2
RP 4.05: SWINE	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.6	0.0	0.0	0.6	0.3	0.0	0.0	0.2	0.0	0.5	1.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY COLORADO

	USDA				OTHER INSTITUTIONS						
	ARS	EES/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.2	0.0	24.0	24.0
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	5.5	5.5
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.4	2.4
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 7.02: TECHNOLOGY RCT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.3	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.5	0.8
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.3	4.8	4.8
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	6.4	6.4
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GRAND TOTAL	57.2	0.0	36.0	93.2	195.5	0.0	0.0	2.4	0.5	198.4	291.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY GUAM

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 3.01: CORN	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 4.05: SWINE	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
GRAND TOTAL	0.0	0.0	0.0	0.0	10.9	0.0	0.0	0.0	0.0	10.9	10.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983

REGION 4

RESEARCH PROGRAM SUMMARY

HAWAII

	USDA				OTHER INSTITUTIONS						
	ARS	EPS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7	3.7
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.0
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	[illegible]	3.2	0.7	0.0	0.0	0.0	0.0	0.7	3.9
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.8
RP 3.01: CORN	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.07: PEANUTS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.08: SUGAR	1.0	0.0	0.0	1.0	1.3	0.0	0.0	0.0	0.0	1.3	2.3
RP 3.09: FORAGE, RANGE, & PASTURE	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	5.6	5.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.13: FRUIT	13.2	0.0	0.0	13.2	16.9	0.0	0.0	0.0	0.0	16.9	30.1
RP 3.14: VEGETABLE CROPS	0.1	0.0	0.0	0.1	13.0	0.0	0.0	0.0	0.0	13.0	13.1
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	8.9	0.0	0.0	0.0	0.0	8.9	8.9
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 4.01: BEEF	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	4.8	4.8
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 4.05: SWINE	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	2.8	2.8
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.09: INVERTEBRATES	0.9	0.0	0.0	0.9	0.5	0.0	0.0	0.0	0.0	0.5	1.4
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY HAWAII

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTPY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.4	3.4
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	4.5	4.5
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	3.9	3.9
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GRAND TOTAL	15.3	0.0	4.9	20.2	93.9	0.0	0.0	0.0	0.0	93.9	114.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY IDAHO

		USDA				OTHER INSTITUTIONS						
		ARS	EES/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	5.4	0.0	0.0	5.4	5.9	0.0	0.4	0.0	0.0	6.3	11.7
RP 1.02:	WATER & WATERSHEDS	14.3	0.0	0.0	14.3	3.0	0.0	0.5	0.0	0.0	3.5	17.9
RP 1.03:	RECREATION	0.0	0.0	0.0	0.0	0.1	0.0	1.0	0.0	0.0	1.2	1.2
RP 1.04:	ENVIRONMENTAL QUALITY	4.0	0.0	0.0	4.0	1.7	0.0	0.0	0.0	0.0	1.7	5.7
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	6.0	6.0
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.2	0.0	0.8	0.0	0.0	1.0	1.0
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	14.1	14.1	0.0	0.0	8.8	0.0	0.0	8.8	22.9
RP 2.03:	FOREST PROTECTION	0.0	0.0	3.2	3.2	0.1	0.0	5.8	0.0	0.0	5.9	9.1
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	5.7	5.7
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	1.4	1.4	0.0	0.0	0.1	0.0	0.0	0.1	1.5
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	1.2	1.2	0.7	0.0	1.2	0.0	0.0	1.9	3.1
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.4	0.4
RP 3.02:	GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.03:	WHEAT	1.3	0.0	0.0	1.3	1.1	0.0	0.0	0.0	0.0	1.1	2.4
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	0.7	0.0	0.0	0.7	0.4	0.0	0.0	0.0	0.0	0.4	1.1
RP 3.06:	SOYBEANS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.08:	SUGAR	0.2	0.0	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.5	0.7
RP 3.09:	FORAGE, RANGE, & PASTURE	0.7	0.0	0.0	0.7	1.3	0.0	1.8	0.0	0.0	3.2	3.9
RP 3.12:	NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.13:	FRUIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.14:	VEGETABLE CROPS	2.1	0.0	0.0	2.1	11.4	0.0	0.0	0.0	0.0	11.4	13.6
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 3.16:	BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.18:	SEEDS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.19:	NONSPECIFIC PLANTS	0.6	0.0	0.0	0.6	3.8	0.0	0.0	0.0	0.0	3.8	4.5
RP 4.01:	BEEF	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.7	0.0	5.6	5.6
RP 4.02:	DAIRY	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 4.04:	SHEEP	5.6	0.0	0.0	5.6	1.1	0.0	0.0	0.0	0.0	1.1	6.8
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.08:	NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.7	0.0	2.6	2.6
RP 4.09:	INVERTEBRATES	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 5.04:	INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 5.05:	RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY IDAHO

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTFY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.3	0.0	1.9	1.9
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
GRAND TOTAL	35.3	0.0	20.0	55.3	58.0	0.0	32.7	2.7	0.0	93.4	148.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY MONTANA

		USDA				OTHER INSTITUTIONS						
		ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	3.7	0.0	0.0	3.7	5.3	0.0	0.0	0.0	0.0	5.3	9.1
RP 1.02:	WATER & WATERSHEDS	1.6	0.0	0.0	1.6	1.3	0.0	0.0	0.0	0.0	1.3	2.9
RP 1.03:	RECREATION	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1
RP 1.04:	ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	1.0	1.0	0.0	0.0	0.2	0.0	0.0	0.2	1.2
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	5.0	5.0	0.0	0.0	6.1	0.0	0.0	6.2	11.2
RP 2.03:	FOREST PROTECTION	0.0	0.0	18.3	18.3	0.0	0.0	0.0	0.0	0.0	0.0	18.3
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	4.7	4.7	0.0	0.0	0.6	0.0	0.0	0.6	5.4
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	2.2	2.2	0.0	0.0	1.4	0.0	0.0	1.4	3.6
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	2.0	2.0	0.3	0.0	4.5	0.0	0.0	4.8	6.8
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	1.7	1.7	0.0	0.0	0.2	0.0	0.0	0.2	1.9
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	3.0	3.0	0.0	0.0	0.1	0.0	0.0	0.1	3.1
RP 3.01:	CORN	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.02:	GRAIN SORGHUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.03:	WHEAT	2.1	0.0	0.0	2.1	11.2	0.0	0.0	0.0	0.0	11.2	13.3
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	1.4	0.0	0.0	1.4	8.8	0.0	0.0	0.0	0.0	8.8	10.3
RP 3.08:	SUGAR	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.09:	FORAGE, RANGE, & PASTURE	7.5	0.0	0.0	7.5	10.7	0.0	0.0	0.0	0.0	10.8	18.3
RP 3.12:	NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 3.13:	FRUIT	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 3.14:	VEGETABLE CROPS	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 3.18:	SEEDS	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 3.19:	NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 4.01:	BEEF	7.4	0.0	0.0	7.4	12.4	0.0	0.0	0.0	0.0	12.4	19.9
RP 4.02:	DAIRY	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 4.04:	SHEEP	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	4.2	4.2
RP 4.05:	SWINE	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 4.08:	NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 4.09:	INVERTEBRATES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 5.01:	INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY MONTANA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	4.2	4.2
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 8.01: HUMAN NUTRITION	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GRAND TOTAL	24.0	0.0	38.0	62.0	77.1	0.0	13.4	0.0	0.0	90.5	152.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY NEVADA

		USDA				OTHER INSTITUTIONS						
		ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FORSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 1.02:	WATER & WATERSHEDS	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 1.03:	RECREATION	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 1.04:	ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 1.07:	REMOTE SENSING	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.3
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.4	0.4	0.3	0.0	0.0	0.0	0.0	0.3	0.7
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	1.6	1.6	0.1	0.0	0.0	0.0	0.0	0.1	1.7
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.03:	WHEAT	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.08:	SUGAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.09:	FORAGE, RANGE, & PASTURE	5.7	0.0	0.0	5.7	6.3	0.0	0.0	0.0	0.0	6.3	12.1
RP 3.14:	VEGETABLE CROPS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.5
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.16:	BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 3.19:	NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.01:	BEEF	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	5.1	5.1
RP 4.02:	DAIRY	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 4.04:	SHEEP	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 4.08:	NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 4.09:	INVERTEBRATES	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 5.01:	INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 5.02:	LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 5.04:	INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.1	0.7	0.7
RP 6.03:	MARKETING & COMPETITION	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.5	1.5
RP 7.02:	TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 8.01:	HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY NEVADA

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
GRAND TOTAL	6.0	0.0	2.0	8.0	34.6	0.0	0.0	0.0	0.1	34.7	42.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY NEW MEXICO

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.2	0.0	0.0	0.2	3.2	0.0	0.0	0.0	0.0	3.2	3.4
RP 1.02: WATER & WATERSHEDS	0.4	0.0	0.0	0.4	2.3	0.0	0.0	0.0	0.0	2.3	2.7
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	2.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.7	0.7	1.1	0.0	0.0	0.0	0.0	1.1	1.8
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.01: CORN	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 3.02: GRAIN SORGHUM	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6	1.6
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	1.2	1.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
PP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
PP 3.07: PEANUTS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.08: SUGAR	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.09: FORAGE, RANGE, & PASTURE	4.5	0.0	0.0	4.5	13.8	0.0	0.0	0.0	0.0	13.8	18.4
RP 3.10: COTTON	4.5	0.0	0.0	4.5	4.7	0.0	0.0	0.0	0.0	4.7	9.2
PP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
PP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	10.3	0.0	0.0	0.0	0.0	10.3	10.3
PP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 4.01: BEEF	4.2	0.0	0.0	4.2	9.8	0.0	0.0	0.0	0.0	9.8	14.0
RP 4.02: DAIRY	1.2	0.0	0.0	1.2	0.8	0.0	0.0	0.0	0.0	0.8	2.0
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 4.04: SHEEP	0.7	0.0	0.0	0.7	0.8	0.0	0.0	0.0	0.0	0.8	1.5
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
PP 4.08: NONSPECIFIC ANIMALS	2.1	0.0	0.0	2.1	0.6	0.0	0.0	4.0	0.0	4.6	6.8
PP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
PP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY NEW MEXICO

	USDA				OTHER INSTITUTIONS						
	APS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 7.01: HUMAN RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
GRAND TOTAL	18.1	0.0	3.0	21.1	76.5	0.0	0.0	4.0	0.0	80.5	101.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY OREGON

	USDA				OTHER INSTITUTIONS						
	ARS	EES/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	1.8	0.0	0.0	1.8	7.4	0.0	0.1	0.0	0.0	7.5	9.4
RP 1.02: WATER & WATERSHEDS	1.7	0.0	0.0	1.7	3.8	0.0	0.6	0.0	0.0	4.4	6.1
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	6.1	0.0	0.1	0.0	0.0	6.2	6.2
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.1	0.0	0.0	0.1	0.0	0.0	1.3	0.0	0.0	1.3	1.5
RP 1.06: FISH & WILDLIFE	0.3	0.0	0.0	0.3	8.3	0.0	0.0	0.0	0.0	8.3	8.7
RP 1.08: AQUATIC WEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	4.9	4.9	1.2	0.0	2.1	0.0	0.0	3.3	8.2
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	15.6	15.6	1.9	0.0	20.8	0.0	0.0	22.3	37.9
RP 2.03: FOREST PROTECTION	0.0	0.0	24.4	24.4	1.1	0.0	1.6	0.0	0.0	2.8	27.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	6.0	6.0	0.4	0.0	13.3	0.0	0.0	13.7	19.7
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	6.0	6.0	0.4	0.0	3.7	0.0	0.0	4.1	10.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	5.4	5.4	5.1	0.0	0.5	0.0	0.0	5.7	11.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	1.3	1.3
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	6.7	6.7	0.0	0.0	0.1	0.0	0.0	0.2	6.9
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.4	0.4
RP 3.01: CORN	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.02: GRAIN SORGHUM	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.2	0.3
RP 3.03: WHEAT	3.8	0.0	0.0	3.8	15.4	0.0	0.0	0.0	0.0	15.4	19.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.7	0.0	0.0	0.7	6.5	0.0	0.0	0.0	0.0	6.5	7.2
RP 3.06: SOYBEANS	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 3.08: SUGAR	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.09: FORAGE, RANGE, & PASTURE	5.7	0.0	0.0	5.7	10.5	0.0	0.0	0.0	0.0	10.5	16.2
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.6	0.0	0.0	1.6	7.7	0.0	0.0	0.0	0.0	7.7	9.4
RP 3.13: FRUIT	3.4	0.0	0.0	3.4	23.0	0.0	0.0	0.0	0.0	23.0	26.5
RP 3.14: VEGETABLE CROPS	0.9	0.0	0.0	0.9	14.6	0.0	0.0	0.0	0.0	14.6	15.5
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	4.8	0.0	0.0	4.8	5.8	0.0	0.0	0.0	0.0	5.8	10.6
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 3.17: WEEDS IN CROPS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	6.0	6.0
RP 3.19: NONSPECIFIC PLANTS	3.2	0.0	0.0	3.2	5.6	0.0	0.0	0.0	0.0	5.6	8.9
RP 4.01: BEEF	0.0	0.0	0.0	0.0	10.2	0.0	0.0	0.1	0.0	10.3	10.3
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.1	0.0	4.1	4.1
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	4.8	4.8
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.1	0.0	3.7	3.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY OREGON

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FORSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.05: SWINE	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.2	0.0	2.3	2.3
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	4.4	4.4
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.7	0.0	4.3	4.3
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	0.9	0.0	0.1	0.0	0.0	1.0	1.0
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	9.9	0.0	0.0	0.0	0.0	9.9	9.9
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	3.3	0.0	0.3	0.0	0.0	3.6	3.6
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.7	2.7
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.7	8.2	8.2
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.5	3.5
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	8.1	0.0	0.0	0.0	0.0	8.1	8.1
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GRAND TOTAL	28.7	0.0	69.0	97.7	212.4	0.0	46.4	1.4	0.7	260.9	358.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY UTAH

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	PRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RP 1.02: WATER & WATERSHEDS	0.0	0.0	0.5	0.5	2.0	0.0	0.0	0.0	0.0	2.0	2.5
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 2.03: FOREST PROTECTION	0.0	0.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	6.1	6.1	1.2	0.0	0.0	0.0	0.0	1.2	7.3
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	9.4	9.4	2.6	0.0	0.0	0.0	0.0	2.6	12.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.9	1.9
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.01: CORN	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.03: WHEAT	1.1	0.0	0.0	1.1	3.0	0.0	0.0	0.0	0.0	3.0	4.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.6	2.6
RP 3.08: SUGAR	3.5	0.0	0.0	3.5	0.6	0.0	0.0	0.0	0.0	0.6	4.1
RP 3.09: FORAGE, RANGE, & PASTURE	7.9	0.0	1.0	8.9	5.0	0.0	0.0	0.0	0.0	5.0	13.9
RP 3.13: FRUIT	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.3	2.3
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.16: BEES & OTHER POLLINATING INSECTS	3.0	0.0	0.0	3.0	0.6	0.0	0.0	0.0	0.0	0.6	3.6
RP 3.17: WEEDS IN CROPS	0.8	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8
RP 3.19: NONSPECIFIC PLANTS	0.8	0.0	0.0	0.8	4.6	0.0	0.0	0.0	0.1	4.7	5.6
RP 4.01: BEEF	3.0	0.0	0.0	3.0	2.3	0.0	0.0	0.0	0.0	2.3	5.4
RP 4.02: DAIRY	1.5	0.0	0.0	1.5	9.1	0.0	0.0	0.0	0.0	9.1	10.6
RP 4.03: POULTRY	0.1	0.0	0.0	0.1	2.6	0.0	0.0	0.0	0.0	2.6	2.8
RP 4.04: SHEEP	1.9	0.0	0.0	1.9	5.3	0.0	0.0	0.0	0.0	5.3	7.3
RP 4.05: SWINE	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.2	0.0	0.0	0.2	0.7	0.0	0.0	0.0	0.0	0.7	0.9
RP 4.08: NONSPECIFIC ANIMALS	0.3	0.0	0.0	0.3	3.1	0.0	0.0	0.0	0.0	3.1	3.4
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.8	1.8
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY UTAH

	USDA				OTHER INSTITUTIONS						
	ARS	EFS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 8.03: FOOD SAFETY	1.3	0.0	0.0	1.3	2.0	0.0	0.0	0.0	0.0	2.0	3.3
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
GRAND TOTAL	26.3	0.0	23.0	49.3	71.9	0.0	0.0	0.0	0.1	72.0	121.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY WASHINGTON

	USDA				OTHER INSTITUTIONS						
	ARS	EES/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	4.4	0.0	0.0	4.4	5.7	0.0	0.0	0.0	0.0	5.7	10.1
RP 1.02: WATER & WATERSHEDS	3.3	0.0	0.0	3.3	2.2	0.0	0.0	0.0	0.0	2.2	5.6
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 1.04: ENVIRONMENTAL QUALITY	0.5	0.0	0.0	0.5	2.8	0.0	0.0	0.0	0.0	2.8	3.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.1	0.0	0.6	0.0	0.0	0.7	0.7
RP 1.06: FISH & WILDLIFE	0.7	0.0	0.0	0.7	0.0	0.0	0.5	0.0	0.0	0.5	1.2
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.4	0.0	0.1	0.0	0.0	0.5	0.5
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	8.0	8.0	0.9	0.0	4.9	0.0	0.0	5.8	13.8
RP 2.03: FOREST PROTECTION	0.0	0.0	0.0	0.0	1.5	0.0	1.8	0.0	0.0	3.3	3.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	3.7	3.7	4.7	0.0	4.9	0.0	0.0	9.6	13.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	5.2	5.2	0.5	0.0	6.7	0.0	0.0	7.2	12.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	0.0	0.0	0.2	0.0	3.5	0.0	0.0	3.7	3.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	2.0	2.0	0.5	0.0	0.1	0.0	0.0	0.6	2.6
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.01: CORN	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.03: WHEAT	9.9	0.0	0.0	9.9	7.9	0.0	0.0	0.0	0.0	7.9	17.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.4	0.0	0.0	0.4	4.2	0.0	0.0	0.0	0.0	4.2	4.6
RP 3.09: FORAGE, RANGE, & PASTURE	5.7	0.0	0.0	5.7	1.6	0.0	0.0	0.0	0.0	1.6	7.3
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.6	0.0	0.0	0.6	5.3	0.0	0.0	0.0	0.0	5.3	6.0
RP 3.13: FRUIT	14.8	0.0	0.0	14.8	21.0	0.0	0.0	0.0	0.0	21.0	35.8
RP 3.14: VEGETABLE CROPS	13.1	0.0	0.0	13.1	14.9	0.0	0.0	0.0	0.0	14.9	28.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.1	0.0	0.0	0.1	4.0	0.0	0.0	0.0	0.0	4.0	4.2
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.17: WEEDS IN CROPS	1.0	0.0	0.0	1.0	0.6	0.0	0.0	0.0	0.0	0.6	1.6
RP 3.18: SEEDS	0.1	0.0	0.0	0.1	1.9	0.0	0.0	0.0	0.0	1.9	2.0
RP 3.19: NONSPECIFIC PLANTS	2.5	0.0	0.0	2.5	10.9	0.0	0.0	0.0	0.0	10.9	13.4
RP 4.01: BEEF	3.7	0.0	0.0	3.7	3.3	0.0	0.0	0.1	0.0	3.4	7.2
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	4.4	4.4
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.5	3.5
RP 4.04: SHEEP	2.0	0.0	0.0	2.0	1.1	0.0	0.0	0.0	0.0	1.2	3.3
RP 4.05: SWINE	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	3.3	0.0	0.0	3.3	0.5	0.0	0.0	1.5	0.0	2.0	5.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY WASHINGTON

	USDA				OTHER INSTITUTIONS						
	ARS	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.7	0.0	19.7	19.7
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.2	0.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.0	0.3	0.6
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	5.1	5.1
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	0.6	0.0	0.3	0.0	0.0	0.9	0.9
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	0.5	0.0	0.0	0.5	2.9	0.0	0.0	0.6	0.3	3.8	4.3
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 8.03: FOOD SAFETY	2.0	0.0	0.0	2.0	0.3	0.0	0.0	0.0	0.0	0.3	2.3
GRAND TOTAL	69.7	0.0	19.0	88.7	127.7	0.0	23.7	22.4	0.3	174.1	262.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 4

RESEARCH PROGRAM SUMMARY WYOMING

	USDA				OTHER INSTITUTIONS						
	ARS	EPS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	1.3	0.0	0.0	1.3	0.5	0.0	0.0	0.0	0.0	0.5	1.8
RP 1.02: WATER & WATERSHEDS	0.3	0.0	0.0	0.3	1.9	0.0	0.0	0.0	0.0	1.9	2.2
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 1.04: ENVIRONMENTAL QUALITY	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	2.0	2.0	0.7	0.0	0.0	0.0	0.0	0.7	2.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	1.0	1.0	0.3	0.0	0.0	0.0	0.0	0.3	1.3
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7
RP 3.01: CORN	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 3.03: WHEAT	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.08: SUGAR	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 3.09: FORAGE, RANGE, & PASTURE	0.4	0.0	0.0	0.4	6.0	0.0	0.0	0.0	0.0	6.0	6.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 3.14: VEGETABLE CROPS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.9	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9
RP 3.16: BEES & OTHER POLLINATING INSECTS	3.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
RP 3.19: NONSPECIFIC PLANTS	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 4.01: BEEF	0.0	0.0	0.0	0.0	9.8	0.0	0.0	0.0	0.0	9.8	9.8
RP 4.02: DAIRY	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.1
RP 4.04: SHEEP	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	5.3	5.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 4.08: NONSPECIFIC ANIMALS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 4.09: INVERTEBRATES	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.9
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.3
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	1.7
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 8.01: HUMAN NUTRITION	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.6
RP 8.03: FOOD SAFETY	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
GRAND TOTAL	6.0	0.0	3.0	9.0	39.8	0.0	0.0	0.0	0.0	39.8	48.8

*U.S. GOVERNMENT PRINTING OFFICE: 1985-525-300/30093